2013 Product Brochure

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Integrated by Design™

Don't just interface…integrate.

For more than 40 years Crestron has been the world's leading manufacturer of advanced control and automation systems. Crestron solutions enable global monitoring, management and control of AV, energy, voice & data, lighting, shades, security, room scheduling, and HVAC on a single platform from a centralized dashboard.

Today's commercial buildings and residences contain more technology than ever before. Most companies build an automation system by interfacing different products and technologies from various vendors. Crestron offers an end-to-end solution that is truly integrated by design. Our full line of products is engineered from the ground up to work together seamlessly. Discover the world of Crestron and see why installers that embrace our philosophy of integration by design are consistently the most successful in the industry.

With the broadest line of hardware and software, Crestron's award-winning control and automation solutions are installed in the most prestigious Fortune 500® companies, universities, and government facilities in the world. You'll also find Crestron systems in the world's finest homes and luxury yachts.

Crestron has 91 fully-staffed offices that provide sales, technical, and training support across the globe. With 24 x 7 x 365 online support, live telephone support, and global on-site field support, our three-tier coverage provides expert help for every situation. Locally, regionally and internationally, easy access to Crestron engineers and pre-and post-sales specialists ensures rapid issue resolution anywhere in the world. Plus, take advantage of our in-house system designers to help you plan even the most challenging projects. Guarantee the highest-performing implementations and eliminate compatibility issues before they arise.

Transforming great ideas into great customer experiences

At Crestron, we don't just build products; we build automation and control solutions for buildings and homes. All of our products are designed, built, and guaranteed to work together as a complete system, rather than a collection of unrelated parts housed in technology silos. Our solutions lower costs and boost efficiency. They provide greater comfort, convenience, and security.

Building the technology that integrates technology

The amount of technology in buildings and homes is rapidly growing and changing. The most significant change is that everything is now on the network: audio, video, voice, data, lighting, security, digital signage, Building Management Systems (BMS), shades, and heating & cooling systems. The design and implementation of these technologies, however, is typically done independently. As a result, each one operates on a separate platform, adding many layers of complexity and inefficiency.

Crestron builds the technology that integrates all of the disparate systems and devices in buildings and homes on a single open platform so they can communicate and work together intelligently.

We provide the only solution that enables you to monitor, manage and control everything from one platform, anywhere, anytime, using touch screens, remotes, and smart devices.

Improving quality of life at home, at work, at school, at play

People wonder, “Isn’t technology supposed to make my life simpler, instead of more complicated?”

Our award-winning solutions simplify and enhance the lives of millions of people every day, including world leaders, CEOs, teachers, office workers, and homeowners. Our solutions are integral to the daily operations of nearly every Fortune 500® company, hundreds of universities, hotels, healthcare facilities, and government agencies.

Products that work together intelligently

Our products seamlessly integrate to manage and control all the technology in buildings and homes.

Control systems

Network appliances

Digital audio

Digital video

User interfaces

Enterprise Management Software

Infrastructure

Automation sensors

Lighting & shading systems

HVAC

Growth through innovation: Industry firsts

You don't earn countless product innovation awards without great ideas, great people, great resources, and key partnerships. Our offices and research labs are home to hundreds of engineers and visionaries with a passion and relentless commitment to push the boundaries of what's possible.

We've cemented and extended our leadership position by forging deep, long-standing partnerships with the world's technology giants, such as Apple®, Cisco Systems®, Microsoft®, Intel®, and Texas Instruments®, working together to conquer technology challenges.

1991
1st graphical programming language and tool set

1993
1st color, video, computer graphics touch screen

1995
1st RF wireless control system - SmarTouch™

1998
1st IP-based control system

1999
1st Internet-based control technology - e-Control®

2001
1st modular touch screen control system - Isys®

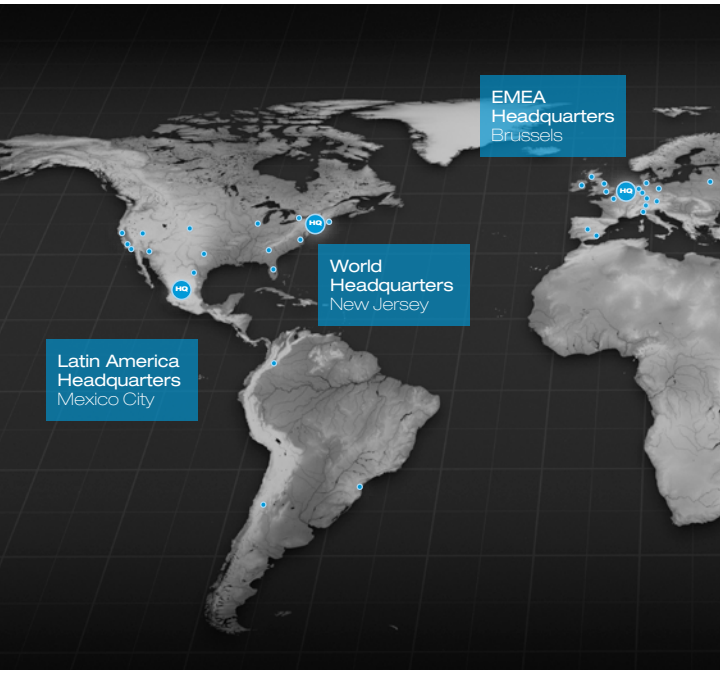
2003
1st touch screen emulation technology for PDA, Web tablets, and computers - e-Control 2

2010
1st single-wire digital/analog AV transport technology over CAT5e or fiber

2012
1st control and management platform natively supporting AV, SNMP, and BACnet®/IP

Global presence, local support

Crestron has offices in every major market and country around the globe. Each is fully staffed to provide sales, technical support, and training, ensuring an identical customer experience wherever you are in the world.



Japan
Headquarters
Tokyo
HQ
HQ
Asia
Headquarters
Hong Kong
HQ
Australia
Headquarters
Sydney

CRESTRON DIGITALMEDIA

Complete HD AV Signal Distribution on One Unified Platform

For over 8 years, Crestron DigitalMedia™ has been **the industry standard for HD AV signal distribution.** On thousands of installations with over one million devices connected for the world's top clients, DigitalMedia has delivered **proven reliable, end-to-end signal routing** with numerous advanced features and ultimate performance, all on a single unified platform. DM® continues to offer **the world's best enterprise signal management solution,** now with more options and easier implementation than ever.

The Crestron DM® Advantage:

- Provides a single platform solution for every room, building, and campus
- Fully-scalable to fit any application or budget
- A full-line of integrated products engineered for the highest reliability and performance from source to display
- Long-distance signal routing over CAT5e, multimode fiber, and single-mode fiber – all on one integrated platform
- Fastest switching speeds using QuickSwitch HD®, Auto-Locking™, and Distributed Scaling technologies
- Uncomplicated EDID configuration tools for easy integration of disparate sources, processors, and display devices
- Advanced HDCP management to ensure compatibility with more sources and content
- Superior audio capabilities including embedding, de-embedding, breakaway, and DSP down-mixing
- Support for 4K Ultra HD resolutions
- Support for 3D video, with 3D-to-2D conversion
- HDBaseT® compatibility
- Complete conference and VTC room solutions
- SNMP support via a Crestron control system

NEW! DM Streaming capabilities enable **high-definition signal distribution over existing infrastructure,** removing any distance limitations and allowing for the routing of signals wherever new wires can't be run. Ideal applications for DM streaming include digital signage, mobile device connectivity, and signal routing between buildings or global offices. With so many practical applications, **no DM system is complete without streaming.**

DigitalMedia™ Matrix Switchers — Totally Configurable, Totally Scalable, Total Integration!

Every AV system is different. Using Crestron DM® switchers, ***you*** **configure the switcher to meet** ***your*** **requirements** — not the other way around. Fully scalable and modular, Crestron DM switchers can accommodate **any combination of digital and analog sources**, with the ability to **combine copper and fiber DM types on a single chassis**.

Routing AV signals is only the beginning. DM matrix switchers include an extensive set of enhancements to address every design challenge you're likely to encounter — **eliminating the need for thousands of dollars worth of extra interfaces and converters**. Rather than treating audio as an afterthought, DM switchers include audio embedding, de-embedding at the inputs *and* outputs, breakaway switching, and DSP down-mixing to enable **simultaneous surround sound and stereo audio from a single source**. Additionally, every input card — even analog — includes a dedicated HDMI output to pass the input signal through to a local AV processor or another switcher.

Private Network Mode dramatically simplifies deployment on a corporate or university LAN, effectively hiding all the DM devices from the outside world and requiring just a single IP address for the complete DM system.

SNMP Management through a 2-Series or 3-Series Control System® offers major integration potential, affording customizable control of the complete DM network through third-party IT management software.

Improved EDID management provides fool-proof configuration of all your varied source components, displays and processors.

NEW! Live HD Streaming Output enables H.264 streaming over Ethernet or the Internet, eliminating any distance limitations.

NEW! 4K Ultra HD capability ensures support for the next generation of ultra high-definition displays and sources.

DM-MD 8X8, 16X16, & 32X32
4K DigitalMedia™ Switchers

- Provide lossless HD AV signal routing over CAT5e or fiber
- Integrate video, audio, networking, and control over one wire
- Afford full matrix switching scalable from 8x8 to 32x32
- HDBaseT® certified
- DM 8G+™ in/out supports 330 ft over CAT5e
- DM 8G® Fiber in/out supports 1000 ft over multimode fiber
- DM 8G SM in/out supports up to 7.5 miles (12 km) over single-mode fiber!
- **NEW!** H.264 streaming output enables signal distribution over existing infrastructure
- Modular input cards available for HDMI®, DisplayPort Multimode, DVI, VGA, 3G-SDI, RGB, SPDIF, analog video/audio, & all types of DM®
- Output cards available for HDMI, analog audio, and all types of DM
- QuickSwitch HD® switching and HDCP key management
- Uncomplicated EDID signal management
- Integrated Gigabit Ethernet switch with private network mode
- Full HD 1080p60 and 4K Ultra HD support
- 3D, Deep Color, and high-bitrate 7.1 encoded audio
- Simultaneous output of stereo and surround sound audio
- Integrated device control via CEC, IR and RS-232
- USB HID mouse and keyboard signal distribution
- Available with internal redundant power supply

Large-Scale, Mission-Critical DM® Switching

For massive projects demanding ultimate reliability, the DM-MD64X64 and DM-MD128X128 are configurable using 8-channel I/O blades and redundant power supplies. Everything from the I/O blades to the power supplies, and cooling fans are hot swappable, minimizing or eliminating down-time in the unlikely event of a component failure.

NEW! DM-MD 64X64 & 128X128
4K DigitalMedia™ Switchers

- Modular design configurable in blades of 8 inputs or outputs
- Full matrix switching scalable from 8x8 to 128x128
- DM 8G+™, DM 8G® Fiber, DM 8G SM Fiber, and HDMI® I/O blades available
- Front panel touch screen for switcher setup and control
- Front panel video preview
- QuickSwitch HD® technology manages HDCP keys for fast, reliable switching
- InstaSwitch™ technology eliminates blanking
- USB HID signal routing
- Integrated Gigabit Ethernet switch with private network mode
- Easy setup and diagnostics via front panel or web browser
- Onboard hot-swappable redundant power supplies and fan tray
- Cold-swappable CPU
- Fault monitoring and notification via front panel and network

Easy, Affordable HD Distribution over one CAT5e

These DigitalMedia™ Distribution Centers allow any small office, home, school, bar or restaurant to implement **a professional-grade digital AV solution within any budget**. Featuring DigitalMedia 8G+™ technology, these simple switchers deliver **ultra-reliable, ultra high-bandwidth signal routing over inexpensive CAT5e wiring**, compatible with DM 8G+™ receivers and HDBaseT® display devices.

DM-MD 6X4 & 6X6
DigitalMedia™ Distribution Centers

- Low-cost, high-performance multiroom HD AV signal routing
- True one-wire solution using DigitalMedia 8G+™ technology
- HDBaseT® certified
- Distributes uncompressed digital AV over CAT5e
- Provides DM 8G+™ outputs for 3 or 5 remote displays
- Allows up to 330 ft (100 m) wire distance to each display
- Single HDMI® output for a local display or audio processor
- Six HDMI inputs for HDMI, DVI, or DisplayPort Multimode
- Handles HD 1080p60 and UXGA/WUXGA resolutions
- Handles 3D, Deep Color, and high-bitrate 7.1 encoded audio
- QuickSwitch HD® technology for fast, reliable switching
- Performs automatic AV signal format management via EDID
- Enables device control via CEC
- Enables USB HID mouse and keyboard signal extension
- Includes integrated Ethernet switch
- Provides Power over DM® for compatible receivers
- Easy setup and diagnostics via front panel or software
- Includes built-in universal power supply
- Native Crestron system integration via Ethernet
- Standard component width or 2-space rack-mountable

A Fully-Integrated Multimedia Presentation Solution with No Equal

Whether it's for a new installation or replacement of an older analog system switcher, the DMPS Series provides a future-proof solution. DMPS DigitalMedia™ Presentation Systems integrate **high-definition digital and analog AV signal distribution** with built-in automatic mic mixing, matrix switching, speaker amplification and DSP, plus **DM 8G+™ connectivity** and a fully-featured Crestron control system. The result is the world's most advanced all-in-one digital presentation solution at a fraction of the cost of less robust alternatives.

The NEW! **DMPS-300-C-AEC adds full-bandwidth acoustic echo cancellation** to each of its six microphone inputs, providing **a complete, integrated solution for audio and video teleconferencing applications.** DMPS-300-C-AEC integrates cleanly with VTC codecs and supports multiple displays for a total video conferencing solution.

DMPS Series
DigitalMedia™ Presentation Systems

- High-Definition multimedia system switcher, mic mixer, audio DSP, amplifier, and control system
- Integrated DigitalMedia™ switcher featuring DM 8G+™ technology
- HDBaseT® certified
- Advanced HDCP management
- Handles HDMI®, DVI, DisplayPort Multimode, and SPDIF digital sources
- Handles RGB, composite, S-Video, component, and stereo audio analog sources
- Auto-detecting, auto-switching inputs for all types of video and audio sources
- Built-in gated microphone mixing w/DSP
- Available acoustic echo cancellation (DMPS-300-C-AEC only)

- Versatile audio signal mixing and routing to multiple outputs
- Audio-follow-video or breakaway switching for all inputs
- HDMI audio signal extraction and embedding
- Multiple stereo analog outputs with independent DSP
- Built-in 40 Watt amplifier, 8 Ohm stereo or 70/100 Volt mono
- Multi-channel PCM, Dolby®, and DTS® audio signals can be routed to the HDMI and DM 8G+ outputs
- DigitalMedia 8G+™ connectivity affords single-wire CAT5e interface for remote sources and displays
- Furnishes Power over DM or HDBaseT
- QuickSwitch HD® technology manages HDCP keys for fast, reliable switching
- Auto-Locking™ technology achieves rapid switching between disparate sources
- Automatic AV signal format management via EDID
- Scaler options provide discrete image optimization for each display device and codec
- Integrated Ethernet switch provides a single-point LAN connection
- Private Network Mode — requires just two IP addresses
- 2-Series control system provides fully-programmable device control
- Supports Crestron® touch screens, keypads, and wireless remotes
- Supports Crestron mobile control apps and XPanel
- Supports Crestron Fusion™ and SNMP remote management
- Easy setup and diagnostics via front panel or software
- Internal universal power supply
- 3-space 19-inch rack-mountable

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NEW! DMPS-300-C-AEC

DigitalMedia™ Presentation System 300 w/AEC

- Full-bandwidth, fully-adaptive Acoustic Echo Cancellation on each mic input
- Allows direct integration with one or two teleconferencing codecs
- Built-in 6-channel gated microphone mixing w/DSP
- Matrix signal routing for up to 7 simultaneous sources and 4 displays
- Two HDMI, two DM 8G+/HDBaseT, and three stereo analog audio outputs
- Includes two DM 8G+/HDBaseT inputs

DMPS-300-C

DigitalMedia™ Presentation System 300

- All the features and functionality of the DMPS-300-C-AEC without acoustic echo cancellation

DMPS-200-C
DigitalMedia™ Presentation System 200

- Matrix signal routing for up to 6 simultaneous sources and 2 displays
- One HDMI, one DM 8G+/HDBaseT, and three stereo analog audio outputs
- Includes one DM 8G+/HDBaseT input
- Same HDMI and analog inputs as the DMPS-300-C
- 4-channel gated microphone mixing w/DSP

DMPS-100-C
DigitalMedia™ Presentation System 100

- Single video output with parallel HDMI and DM 8G+/HDBaseT ports
- Two independent stereo analog audio outputs w/DSP
- One fewer HDMI and analog audio inputs than the DMPS-300-C
- 2-channel gated microphone mixing w/DSP

Go the Distance with DigitalMedia 8G™ over Copper or Fiber

Crestron now offers three main types of DM 8G® for interfacing DigitalMedia devices — **DM 8G+™, DM 8G® Fiber, and DM 8G SM Fiber**. All three types handle high-bandwidth HD AV signals with full support for HDCP, CEC, and 3D video, plus HD multichannel audio formats like Dolby® TrueHD and DTS-HD Master Audio™.

DM 8G+ affords **a true one-wire transport for moving high-definition video, audio, and Ethernet over low-cost twisted-pair cable**. Using simple CAT5e wire, DM 8G+ achieves ultra high-bandwidth over distances of up to 330 ft (100 m), and **all DM 8G+ products are HDBaseT® certified.**

DM 8G Fiber uses a single strand of multimode fiber to transport signals up to 1000 ft (300 m), while DM 8G SM Fiber uses single-mode fiber to attain **wiring distances up to 7.5 miles (12 km)!**

DigitalMedia 8G™ Transmitters & Receivers

Crestron offers an ever growing line of compact transmitters and receivers in all three types of DM 8G®, providing **the industry's most flexible and scalable platform** for interfacing with remote computers, AV sources and display devices — whether they're several feet or several miles away.

The **DM-TX-401-C, DM-TX-401-S, and DM-TX-401-S2** each offer **a portable or rack-mountable transmitter solution** for integrating a wide variety of sources with built-in auto-switching, IR/RS-232 device control and a choice of DM type.

DM-TX-401-C,
DM-TX-401-S, &
DM-TX-401-S2

DM-TX-201-C,
DM-TX-201-S, &
DM-TX-201-S2

DM-TX-200-C-2G

DigitalMedia 8G™ Transmitters

- Options for portable, surface-mount, wall plate, and rack mount applications
- Available inputs for HDMI®, DisplayPort, VGA, and analog sources
- Built-in auto-switching makes setup and operation a breeze
- HDMI audio embedding enables combining digital video with analog audio sources
- Most models include 10/100 Ethernet and USB HID ports
- Ideal for use with Crestron FlipTop™ boxes
- Models available with DM 8G+™, DM 8G® Fiber, or DM 8G SM Fiber connectivity

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DM-RMC-SCALER-C,
DM-RMC-SCALER-S, &
DM-RMC-SCALER-S2

DM-RMC-200-C,
DM-RMC-200-S, &
DM-RMC-200-S2

DM-RMC-150-S

DM-RMC-100-C &
DM-RMC-100-S

DigitalMedia 8G™ Receivers

- All models feature HDMI® display output, 10/100 Ethernet and IR/RS-232 control ports
- Professional-quality HD scalers afford extremely easy setup, flexible configuration, and ultra reliable operation
- Other options include built-in audio amplifiers, relay/digital input control ports, USB HID ports, and video wall processing
- Low-profile design hides discreetly behind most display devices
- Models available with DM 8G+™, DM 8G® Fiber, or DM 8G SM Fiber connectivity

Please see the Crestron Website for more information and additional DM transmitter/receiver models.

Enhanced USB Routing for DigitalMedia™ and More!

The USB-EXT-DM lets you **connect USB peripherals of virtually any type** including keyboards, mice, game controllers, interactive whiteboards, flash drives, web cameras, and mobile devices **anywhere in the building** using the local area network. Use a mouse and keyboard in one room **to control a computer or media server in another room.** Connect an interactive whiteboard at the front of the classroom to a computer or annotator tucked away in the equipment room. Connect a USB flash drive or media player to **download and stream files from your home office PC.** Sync your smartphone, play video games, and access the Internet from any display in the house with all your computers and game systems installed out of sight in a central equipment cabinet.

As part of a DigitalMedia system, multiple USB Extenders can be deployed to provide **a complete USB signal routing solution** for anything from sharing home entertainment resources throughout a residence to enabling sophisticated KVM switching in a corporate training lab.

NEW! **USB-EXT-DM** USB Extenders

- Adds USB host or device connectivity to any DM® transmitter, receiver, or switcher
- Can also be used without a DM system
- Enables sophisticated USB routing or simple point-to-point USB extension
- **USB-EXT-DM-REMOTE** provides “remote” connectivity for up to four USB peripherals at one location
- **USB-EXT-DM-LOCAL** provides “local” connectivity for a single USB host
- Supports isochronous devices such as webcams and media devices
- USB 1.1 and 2.0 compatible
- Gigabit Ethernet connectivity

DVPHD

High-Definition Multi-Window Video Processor and Annotator

Envision the ultimate boardroom, sports bar or custom theater with multiple Blu-ray™ movies, television channels, and computer-based media all displayed simultaneously on one high-definition screen. Imagine the ability to **annotate directly on the screen or from a separate touch screen** along with controls for AV, lighting, and other functions. And picture it all in astounding detail and rich, life-like color.

Now you've imagined the DVPHD High-Definition Digital Video Processor from Crestron® — the ultimate multi-window video processor that displays up to **eight high-res computer and HD video images within a fully-customizable graphical environment**, with dynamic transition effects, advanced video processing, real-time annotation, and touch screen control!

NEW! Now handles up to eight HDMI® and DVI digital sources with HDCP.

DVPHD High-Definition Digital Video Processor and Annotator

- Up to 8 fully-scalable HD video windows on a single display
- **NEW!** Handles 8 HDMI®/DVI sources at once
- Real-time, interactive annotation over high-definition video and computer images
- Optional Guidebar® technology enables annotation and presentation control from a presenter's touch screen
- QuickSwitch HD® provides seamless switching with transition effects
- Modular design accepts the choice of up to 8 simultaneous inputs
- Handles DVI, HDMI, DisplayPort Multimode, and HD-SDI digital video sources
- Enables display of HDCP protected content
- Handles analog RGB, component, S-Video, and composite video sources
- Compatible with Crestron V-Panel™ and a vast range of third-party touch screens
- Fully customizable, high-definition 24-bit graphics
- Professional high-definition scaling and de-interlacing
- Supports resolutions up to WUXGA 1920 x 1200 and HD 1080p60
- Automatic input/output configuration via sync-detection and EDID
- Built-in test patterns for easy setup and fine-adjustment
- Setup via LCD front panel, touch screen or mouse OSD, or Web browser
- Native Crestron control system integration
- High-speed Ethernet and Cresnet® communications

HDMI® Switching You Can Rely On

Crestron QuickSwitch HD® switchers deliver **fast, trouble-free switching of HDMI signals** with numerous advanced features for routing and managing multiple digital multimedia signals.

HD-MD8X2

HD-MD 8X1 & 8X2
QuickSwitch HD® HDMI® Switchers

- QuickSwitch HD® switching technology
- Supports HDMI® w/Deep Color, 3D, and high-bitrate 7.1 audio
- Compatible with DVI and DisplayPort Multimode
- Supports video resolutions up to HD 1080p60 and UXGA/WUXGA
- Detects and reports detailed video and audio input information
- Manages HDCP digital rights management for connected devices
- Performs automatic AV signal format management via EDID
- Includes front panel controls with security lockout
- Allows audio breakaway switching
- Simple setup and diagnostics via software
- Native control system integration via Ethernet or Cresnet®
- Simple input expansion for DigitalMedia™ systems
- Single-space 19-inch rack-mountable

Universal HD Scaler

The HD-SCALER makes it easy to add a high-performance video scaler to any HDMI® or DVI display to accommodate a variety of sources and ensure compatibility with a wide range of input resolutions. With both HDMI and analog inputs plus built-in 2x1 switching, the HD-SCALER provides **a perfect problem solver for upgrading legacy systems** and interfacing with video conferencing codecs.

HD-SCALER High-Definition Video Scaler

- Compact, low-profile surface mount design
- Automatically scales any input signal to match any display
- Supports resolutions up to HD 1080p and UXGA/WUXGA
- Performs deinterlacing of NTSC, PAL, and 1080i sources
- Handles HDMI® signals with HDCP
- Supports analog video and computer sources
- Allows advanced management of EDID
- Allows adjustable overscan and underscan up to 7.5%
- Auto-switches between digital and analog sources
- Handles 7.1 digital audio and analog stereo audio
- Allows embedding of analog audio to HDMI
- Setup via on-screen display using IR wireless remote
- Built-in test patterns
- Cresnet® control system integration
- Provides a powerful portable diagnostic tool for any video setup

HDMI® over Fiber Extenders

HDMI over Fiber technology by Crestron affords **reliable, high-performance digital AV signal extension over long distances**, handling high-definition digital video and audio, analog audio, Ethernet, HID, and control signals all over one fiber strand.

HD-TX1-F (front)

HD-RX1-F (rear)

HD-TX1-F & HD-RX1-F
HDMI® over Fiber Transmitter and Receiver

- Extends uncompressed digital AV and control signals 1000 ft (300 m) over simplex multimode fiber
- Supports HDMI with Deep Color, DVI, and DisplayPort Multimode
- Supports 7.1 channel lossless audio up to 48 kHz
- Handles resolutions up to 1920x1200 and 1080p60
- Passes CEC, EDID and HDCP
- Includes universal IR repeater
- Extends bidirectional RS-232
- Provides electrical isolation for outdoor runs
- Affords a hidden wiring solution using CresFiber® CLEAR Fiber Optic Cable

HD-TX3-F (front)

HD-RX3-F (rear)

HD-TX3-F & HD-RX3-F
HDMI® over Fiber Transmitter and Receiver

All the features of the HD-TX1-F and HD-RX1-F plus:

- Adds Ethernet, USB HID, and analog audio signal extension

HDMI® over HDBaseT® Extenders

When you just need to get an HDMI signal from one end of the building to the other, Crestron HDMI over HDBaseT Extenders provide **a professional-grade solution that's incredibly simple and ultra-reliable**.

NEW! HD-EXT3-C
HDMI® over HDBaseT® Extender

- Extends uncompressed digital AV and control signals 330 ft (100 m) over a single CAT5e
- HDBaseT certified
- Supports HDMI with Deep Color and 3D
- Supports 4K Ultra HD up to 230 ft (70 m) over DM 8G® cable
- Supports 7.1 channel HD lossless audio
- Compatible with DVI and DisplayPort Multimode
- Compatible with DigitalMedia 8G+™ systems
- Includes universal IR repeater
- Extends bidirectional RS-232

NEW! HD-EXT4-C
HDMI® over HDBaseT® Extender

- Adds stereo analog audio extension via a second cable
- Omits IR and RS-232 capability

HDMI® Problem Solver

Need to feed two displays from one HDMI source? Or, split an HDMI signal between a display and a surround sound processor? Need to break out the HDMI audio signal and convert it to SPDIF or analog? Or, merge separate digital audio and video sources into one HDMI stream? Not a problem…just use the HD-DA-2.

HD-DA-2 1-to-2 HDMI® Distribution Amplifier & Audio Converter

- One in, two out HDMI signal splitter
- Extracts analog and SPDIF audio from HDMI
- Embeds SPDIF audio onto HDMI
- Merges DVI and SPDIF into one HDMI signal
- Supports HD 1080p w/Deep Color, 3D, and 7.1 HD audio
- Allows configuration of audio EDID and HDCP key handling
- No programming or control system required

Easy, Affordable, End-to-End HD Capture

CaptureLiveHD™ delivers **high-definition capture of meetings and lectures** with easy, out of the box setup and the lowest cost of ownership on the market. Incredibly simple to use, CaptureLiveHD is an ideal choice for any learning institution or corporate enterprise that needs to capture classes and presentations for use in online education, training, or other purposes. A complete CaptureLiveHD system provides **a scalable end-to-end solution for scheduling, recording, and online delivery** of captured content.

The CaptureLiveHD solution includes a Crestron Capture HD® recorder in every room, all managed by Fusion RV® Remote Asset Management Software. CaptureLiveHD leverages Fusion RV software to deliver **a total workflow engine for moving recorded content seamlessly through the entire process** from capture to consumption with minimal human effort.

- A complete end-to-end meeting and lecture capture solution
- Allows full-motion capture in high-definition 1080p
- Streams and records
- Lowest cost of ownership
- Easy, efficient scheduling, recording, and online delivery
- Simple enough for the entire faculty to use
- Scalable to fit any college, government, or corporate workflow
- Captures complete AV presentation with live video of the presenter
- Provides content for online courses, on-demand lesson review, corporate marketing and training, and archiving
- Enables seamless online viewing using computers and mobile devices
- Simple integration with open source media sites

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Capture HD® Capture Recorder

The CAPTURE-HD device provides a very simple, one-box component for capturing lectures, presentations, medical procedures, seminars, and training sessions. It is **designed for easy integration in a classroom, lecture hall, training lab, or boardroom**, allowing presenters and instructors to use their choice of multimedia sources, including high-definition videos, computers, whiteboards, and annotators.

Without requiring any special training or extra effort from the presenter, the CAPTURE-HD-PRO **records the complete presentation in full-motion HD 1080p or 720p** and uploads it to a network server for publishing. Full control of the CAPTURE-HD is facilitated using the optional touch screen controller or through integration with a Crestron control system.

The CAPTURE-HD-PRO can also stream presentations, lectures, and training sessions live to a touch screen, computer, mobile device, or third-party streaming server.

CAPTURE-HD-PRO
Capture HD® High-Definition Capture Recorder

- Delivers a low-cost, high-performance HD presentation capture solution
- Designed for college, university, teaching hospital, government and business applications
- Records the complete AV presentation, classroom lecture, or training session in high-definition 1080p resolution
- Allows live streaming via H.264 to any device or server
- Extremely easy to use and flexible enough to fit any workflow model
- Works with Crestron® Fusion RV® software for a total workflow engine
- Integrates easily into existing AV presentation systems and networks
- Provides inputs for high-definition digital and analog AV sources

- Built-in scaling ensures compatibility with a full range of sources
- Provides a composite video input for the presenter's camera
- High-definition 3G-SDI camera input
- Includes local AV output for confidence monitoring or presentation pass-thru
- Allows Crestron control system integration via Ethernet
- Gigabit Ethernet enables high transfer rates for uploading of HD media files
- Single-space 19" rack-mountable

Touch Screen Capture Controller

Capturing lectures and meetings is a breeze using the CAPTURE-TPMC-4SM Touch Screen Controller. The presenter need only follow the prompts on the touch screen to **easily start and stop a recording, pause or mute the recording and add bookmarks** during the session, and make very basic adjustments when needed. The touch screen can also display a live view of the presenter's camera and a microphone level meter for an extra level of confidence.

Crestron Media Player

CaptureLiveHD videos are viewed online through the Crestron Media Player, a Web-based streaming video player that **runs seamlessly on virtually any computer, tablet, or smart phone**. The Crestron Media Player delivers **a consistent user experience across all platforms** without having to install or launch any special software. In addition to online streaming, files may also be published as downloadable MP4 files, allowing offline viewing through a third-party media player application.

HD Collaboration in Seconds™

With just one touch of a button, anyone can **walk into a conference room and instantly start a collaboration session.** Share your desktop with local and remote participants. View and annotate over PowerPoint® remotely or locally using the 65" touch display. Share ideas and compare notes with remote participants anywhere, at any time using any device.

Crestron RL™ delivers **a unified collaboration solution** for the conference room, combining Crestron hardware with Microsoft® Lync® software. This full-featured Lync-based system enables video, voice, interactive content sharing, presence, and chat from one touch screen interface.

NEW! Crestron RL™
Group Collaboration System for Lync®

- Fully-featured Microsoft® Lync® system for conference rooms
- Real-time collaboration from anywhere using computers and mobile devices
- Easy to order and specify, no programming or training required
- Low cost of ownership — no extra licenses, MCUs or gateways needed
- Native Crestron integration as part of a complete room control and building management solution
- Backwards compatible with existing VTC systems
- Complete turnkey package includes codec, 65" presentation touch screen display with wall mount, 10" tabletop touch screen controller, camera, mic, sound bar, cables and accessories
- Available options include a second display, table mic, and portable display cart

Present Wirelessly

With AirMedia™ **anyone can walk into a room and wirelessly present** PowerPoint®, Excel®, Word and PDF documents, as well as photos, on the room display from their personal iOS® or Android™ mobile device. MacBook® and PC laptops can be connected seamlessly as well, allowing for presentation of anything on their computer desktop including video.

NEW! AM-100
AirMedia™ Presentation Gateway

- Enables wireless presentation using laptops, tablets, and smartphones
- Windows®, OS X®, Apple® iOS® and Android™ compatible
- Displays up to four presenters simultaneously in Quad View
- Integrates seamlessly with Crestron Connected™ displays
- Supports Full HD 1080p and UXGA display resolutions
- HDMI®, VGA, and analog audio outputs
- Customizable welcome screen provides clear instructions for presenters
- Allows a variety of connection methods to suit any organization
- Other participants can view and save presentation images through a Web browser for easy note taking
- Integrates with DM®, CaptureLiveHD™, and Crestron Fusion™
- Simple installation and setup

3-Series™ Control Systems

Integrated by Design™ At Its Core

Today's corporate, university, hospitality, and government organizations require more than just AV or lighting control in a few rooms. They demand the ability to monitor and manage all of the technology in every room across entire buildings and campuses.

Crestron 3-Series™ employs **a fundamentally new control system architecture** engineered to provide the backbone of the most powerful control network available today. Crestron 3-Series enables organizations to securely **integrate every AV device and building system on a single high-speed platform**, and manage it all from a centralized dashboard using Crestron Fusion™.

Dual Networks – Dedicated Control Subnet allows the Crestron ecosystem to run parallel to the corporate IT network while requiring just one IP address.

SNMP Support – Allows network administrators to manage control systems on the network in an IT-friendly format.

802.1x Authentication – The same network security technology used by government and financial institutions.

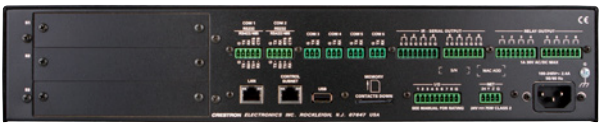
Native BACnet®/IP – Enables seamless integration with existing building management systems.

Modular Programming – Affords enhanced scalability with high-speed, real-time multi-tasking to seamlessly run multiple programs simultaneously.

NEW! SIMPL# – Provides a standard C# programming environment utilizing the .NET Framework for streamlined integration with third-party products and databases.

PRO3 — The New Flagship

The PRO3 sets the **new standard for control system performance and functionality.** Crestron veterans will find its appearance familiar, taking many of its exterior cues from the faithful PRO2. But under the hood, it's a whole new ball game featuring the mega-accelerated performance of the 3-Series engine, a color LCD front panel, and the new Control Subnet port providing **a dedicated Gigabit Ethernet network just for Crestron devices.**



PRO3 3-Series Control System®

- Accelerated 3-Series™ control engine
- Exclusive modular programming architecture
- Native BACnet®/IP support
- Onboard 1GB RAM & 4GB Flash memory
- Expandable storage up to 1TB
- Rear panel memory card slot
- Control Subnet — provides a dedicated local network for Crestron® devices
- Supports XPanel control with Smart Graphics™
- Supports mobile control apps for Apple® iOS® and Android™
- Supports Crestron Fusion™ and SNMP remote management
- Two fully-featured RS-232/422/485 COM ports
- Four RS-232 COM ports with software handshaking only
- 8 IR/serial, 8 relay, and 8 Versiport I/O ports
- Three built-in 3-Series control card expansion slots
- Installer setup via front panel, software or Web browser
- Backwards compatible to run existing SIMPL programs
- Full Unicode (multi-language) support
- Secure access though Active Directory integration
- Hardware level security using 802.1x authentication
- IIS v.6.0 Web Server
- Front panel color LCD display
- 2-space rack-mountable

3-Series™ Control Systems

AV3 3-Series Control System®

- All the features and performance of the PRO3 without the color LCD display
- 3-Series™ control card expansion slots are an add-on option

CP3N 3-Series Control System®

- A more compact, lower-cost alternative to the PRO3 and AV3
- 512MB RAM & 4GB Flash memory
- Expandable storage up to 1TB
- Rear panel memory card slot
- Cresnet, Gigabit Ethernet, and Control Subnet ports
- One RS-232/422/485 COM port with hardware/ software handshaking
- Two RS-232 COM ports with software handshaking only
- 8 IR/serial, 8 relay, and 8 Versiport I/O ports
- No built-in control card expansion slots
- Single-space rack-mountable

CP3 3-Series Control System®

- All the features and performance of the CP3N without the Control Subnet port
- 10/100 Ethernet LAN port

Easy System Expansion — It's in the Cards!

Adding control ports to any 3-Series Control System® is easy using 3-Series™ Control Cards and Card Interfaces. Plug up to three control cards directly into an AV3 or PRO3, or use one or more 3-Series Card Interfaces to **add more COM ports, IR ports, relays, and Versiport I/O ports to *any* 3-Series Control System**.

CEN-CI3-1 3-Series™ Card Interface – 1 Slot

- Accepts one 3-Series™ Control Card
- Provides control port expansion for any 3-Series Control System™
- Powerable via PoE or external power pack
- Half-width, single-space rack-mountable

CEN-CI3-3 3-Series™ Card Interface – 3 Slots

- Accepts up to three 3-Series™ Control Cards
- Includes a built-in Gigabit Ethernet switch for easy expansion of the network
- External power pack included
- Single-space rack-mountable

C3 Series 3-Series™ Control Cards

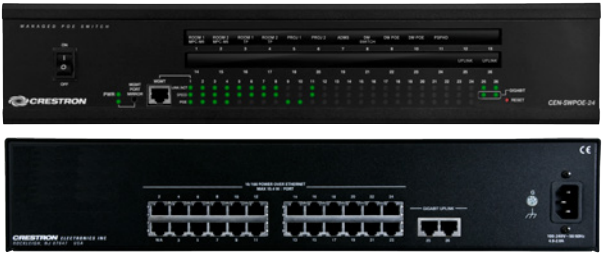
- Plug-in control port expansion for CEN-CI3-1, CEN-CI3-3, AV3 and PRO3
- Models available with COM, IR, relay, or Versiport I/O ports

PoE with Ethernet

Imagine **the simplicity of Cresnet with the bandwidth of Ethernet**. It's available today from Crestron through an ever-expanding line of touch screens and other devices utilizing high-speed Ethernet connectivity with PoE (Power over Ethernet). Ethernet with PoE means **total connectivity over one wire**. Configuring a Crestron network of PoE devices is streamlined using any of our PoE Switches and Injectors.

CEN-SWPOE-16 16-Port Managed PoE Switch

- All ports 1000Base-T Gigabit Ethernet
- Provides full PoE on all ports simultaneously
- Also supports 802.3at PoE+ powered devices
- Up to 34.2W per port, 255W total
- PoE switchable per port via a control system
- Energy usage monitoring via a control system
- Auto-negotiating and auto MDI/MDIX
- Layer 2 managed switching functionality
- LLDP (Link Layer Discovery Protocol) support
- Web browser configuration
- Customizable front panel labeling
- AV friendly, single-space rack-mount design



CEN-SWPOE-24 24-Port Managed PoE Switch

- 24 10Base-T/100Base-TX Ethernet ports
- Dual Gigabit Ethernet uplink/stacking ports
- Provides full IEEE 802.3af PoE on all ports simultaneously
- Auto-negotiating and auto MDI/MDIX
- Web browser configuration
- SNMP monitoring and management
- Layer 2 managed switching functionality
- Customizable front panel labeling
- AV friendly, 2-space rack-mount design

CEN-SW-POE-5 5-Port PoE Switch

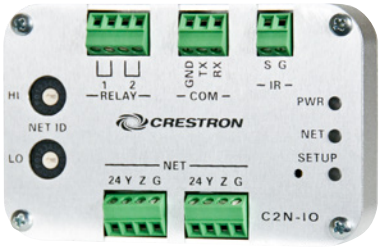
- **NEW!** All ports 1000 Base-T Gigabit Ethernet
- 802.3af PoE on 4 ports
- Convenient surface-mount form factor

Touch Screen Control — No Rack Required!

The TPCS-4SM harnesses all the power of Crestron to provide **a complete touch screen control system in one compact wall mount device**. Perfect for single rooms, townhouses, MDUs and hotels, the TPCS-4SM offers **a total control solution in one low-cost, space-saving design**.

TPCS-4SM 4.3" Touch Screen Control System

- 3-Series™ control processor
- 4.3” touch screen — with Smart Graphics™ support
- Runs a single control system program
- Onboard 10/100 Ethernet and Cresnet® master ports
- Control port expansion via C2N-IO module
- Supports up to 10 Ethernet and 10 Cresnet devices including touch screens, keypads, thermostats, dimmers, sensors and other peripherals
- Supports a single infiNET EX® gateway
- XPanel Web-based remote control with smart graphics support
- Supports one mobile device running Crestron Mobile Pro®
- Supports Fusion RV® and SNMP remote management
- Customizable audio feedback
- Built-in proximity sensor
- 10 optional “hard key” pushbuttons
- Dual-color red/green LED button backlighting and feedback
- Also available with white LEDs (model TPCS-4SMD)
- Custom engravable button text
- PoE network powered
- Compatible with all TPMC-4SM wall, surface, and tabletop mounting options
- Available with black or white smooth finish



C2N-IO Control Port Expansion Module

- Mounts within the wall box behind the TPCS-4SM
- Provides 1 RS-232, 1 IR/serial, and 2 relay ports
- Compatible with any Crestron 2-Series or 3-Series™ control system
- Interfaces via Cresnet® control bus
- 24VDC Cresnet powered
- Surface mount bracket included

Wireless Control Port Expansion

Add remote IR, RS-232, relay and digital input ports to a Crestron control system anywhere in the building without running any new wiring or conduit.

NEW! INET-IOEX Series Wireless Control Modules

- Low-cost wireless control interfaces
- infiNET EX® wireless communication
- Ultra-compact, surface mount design
- 3-Series™ compatible
- **INET-IOEX-RYIO** provides 2 relay and 2 digital input ports
- **INET-IOEX-IRCOM** provides 1 RS-232 and 2 IR ports

On-Screen Display Control

The MC3 offers a 3-Series Control System® in a compact form factor with several special features including onboard audio file playback and **integrated infiNET EX® wireless gateway.**

OSD (On-Screen Display) enables control through any TV or video display using customizable scrolling menus, full-color icons, bar graphs, and metadata.

MC3 3-Series Control System®

- 3-Series control engine
- Modular programming architecture
- Vector floating point coprocessor
- Onboard 256MB RAM & 2GB Flash memory
- Expandable storage up to 1TB
- Integrated infiNET EX® wireless gateway
- Industry-standard Ethernet and Cresnet® wired communications
- Available RF and IR control options
- Customizable OSD user interface
- Component and composite video outputs
- WAV, MP3, and WMA audio file playback
- Built-in IR, COM, relay, and digital input ports
- High-speed USB 2.0 host ports
- On-screen installation setup
- Installer setup via Crestron Toolbox™ or Internet Explorer®
- Secure access through Active Directory integration

Enterprise Building Management

Crestron Fusion™ provides an integrated platform for creating truly smart buildings that **save energy and enhance worker productivity.** From a centralized dashboard, Crestron Fusion unifies and simplifies the way organizations **control, monitor, and manage building technology and energy usage.**

NEW! Crestron Fusion now integrates natively with Google Calendar™, adding yet another practical way to **book meetings and schedule rooms** in combination with its full enterprise management and monitoring capabilities.

With Crestron Fusion, organizations are able to use the same tools they already use for room scheduling, such as Microsoft® Exchange, Office 365®, IBM® Notes®, CollegeNet™ R25®, and now Google Calendar. And, the **NEW!** scheduling API allows developers to connect to other 3rd party scheduling engines for seamless integration into any organization.

Fusion also collects usage data and generates reports so IT, AV, and facilities managers can make more informed purchasing, staffing and resource planning decisions. Using Crestron Fusion, organizations can leverage **built-in analytics and reporting** to optimize their facilities and energy usage.

continued...

Fusion RV®

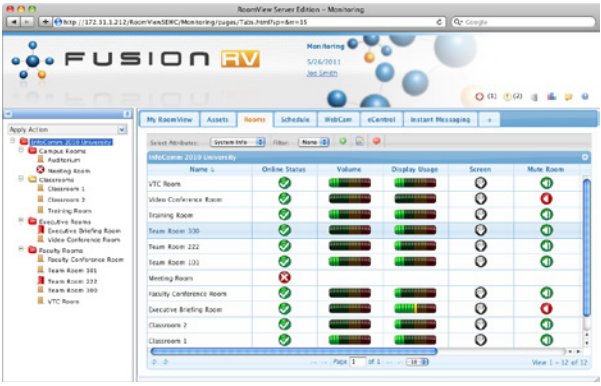
Fusion RV lets corporations, universities, hotels, and government agencies seamlessly monitor and manage meeting rooms, classrooms, lecture halls, and video conferencing rooms to **maximize efficient room usage and availability.** With minimal effort or overhead, AV staff can easily view the status of rooms, projectors, and other assets from the web-based user interface, provide **real-time remote assistance** with the built-in help desk, **track usage and generate reports,** and receive email alerts when any equipment requires service.

From any computer, Fusion RV lets users **view room availability, schedule meetings, and allocate room resources** for activities such as AV presentation, lecture capture or video conferencing using its built-in scheduler or a range of third-party scheduling options. **NEW!** Support for Google Calendar™ is the latest addition to the growing list of scheduling applications supported natively in Fusion RV.

In addition to scheduling from a computer, users can also use Crestron touch screens located outside of each meeting room to view a room's schedule, see meeting details, cancel a meeting, or book a new meeting on the spot.

Fusion RV **increases productivity, saves energy, and prolongs the life of valuable equipment** by shutting down lighting and AV systems, setting back the temperature and adjusting the shades after a meeting concludes. In fact, Fusion RV can even sense when no one shows up for a scheduled meeting, returning the room to its unoccupied state and making it available to other users.

Fusion RV also **provides the workflow engine for CaptureLiveHD™** to deliver a total, streamlined solution for recording and distributing online classes, meetings, and presentations.



Fusion RV® Remote Asset Management Software

- Convenient Web interface works on most browsers and computer platforms
- Monitor, manage, and schedule meeting rooms enterprise-wide
- Schedule rooms via Microsoft® Outlook®, IBM® Notes®, CollegeNet™ R25® and **NEW!** Google Calendar™
- View room status and book rooms on the spot using touch screens inside or outside of each room
- Streamline the help desk with real-time remote assistance
- Use instant messaging to communicate through the room's touch screen
- Receive instant e-mail notifications for equipment failure alerts and scheduled maintenance
- Track and analyze device and room usage with robust reporting using built-in templates
- Media management for Crestron® CaptureLiveHD™
- **NEW!** Integrates with popular hotel and hospitality applications to enable automated hotel room setup upon guest check-in
- **NEW!** Crestron Fusion API provides a Web service for the development of custom applications to interface with Fusion RV
- Infinitely scalable to accommodate organizational growth
- Fail-safe redundant server architecture for increased performance and extreme reliability
- Simple, powerful tools for database administration
- Pre-configured Fusion RV Server System available
- **NEW!** Localized user interface for different countries

Crestron Fusion™

Fusion EM™

Fusion EM Energy Management Software delivers the first enterprise building management solution that **unifies all environmental systems on a single platform.** From a centralized dashboard, organizations can **automate lighting, shades, and climate control** for an entire building or campus based on room occupancy, meeting schedules, time clock events and daylight levels. Demand response rules can also be set to reduce energy consumption at critical moments.

FUSION EM

Fusion EM provides valuable analytics and reporting of real-time and historical energy usage, enabling organizations to **make intelligent and informed energy saving decisions.** As part of a complete Crestron Green Light® integrated power metering and lighting control solution, Fusion EM **delivers accurate measurement, monitoring, and management of all energy sources** by room, floor, building or an entire campus.

Fusion EM™ Energy Management Software

- Track real-time energy usage
- **NEW!** Generate historical energy use and baseline building performance reports
- View historical energy consumption for day, week, month or year
- Control lighting levels, shades, and climate in real time
- Define pre-meeting temperature set points, lighting and shade levels based on schedule in Fusion RV, Microsoft® Exchange (Outlook®), IBM® Notes®, CollegeNet™ R25® and Google Calendar™
- Change settings for occupied and unoccupied states
- Adjust demand response rules for lighting and HVAC
- Schedule end-of-day shutdown
- **NEW!** Configure time clock schedule including holidays and recurring events
- View at-a-glance room status for an entire facility
- Server-based scalable redundant architecture with load balancing
- Works with the GLS-EM-MCU Crestron Green Light® Power Meter Control Unit for tracking of actual energy consumption
- **NEW!** Pre-configured Fusion EM Server System available
- **NEW!** Localized user interface for different countries

CRESTRON
Green Light®

Designing building management solutions that truly deliver on the promise to reduce energy consumption demands the use of **lighting, shade, and climate control products that can be accurately monitored, measured, and managed** in real-time under one platform. Crestron Green Light® encompasses a complete range of environmental control products engineered to provide **a total integrated solution for energy-efficient commercial buildings of every scale**.

3-Series™ Native BMS Interface

The 3-Series Control System® with BACnet®/IP support provides a scalable, IP-based platform for implementing fully-integrated building management and automation. Integrated control of lighting, shades, HVAC, AV, BMS, security, IT, and other connected systems is now faster, simpler and more efficient than ever. **Built-in BACnet/IP support enables seamless integration with existing building management systems**. All systems run independently and communicate with each other on the same platform, creating a truly smart building.

Crestron 3-Series control systems also support other popular building management protocols including LonWorks® and ModBus®.

Reliable, Accurate Energy Measurement

As the old adage goes, you can't manage what you don't measure. We'll go one further: **you can't manage *reliably* what you don't measure *accurately***.

The Crestron Green Light® Power Meter Control Unit (GLS-EM-MCU) measures both voltage and current at the incoming electrical service and individual branch circuits to **provide complete and accurate real-time data for use in assessing power usage** and employing energy-saving strategies. By design, the GLS-EM-MCU integrates with Fusion EM™ Energy Management Software to monitor and manage lighting and other devices throughout a building to **achieve real, meaningful control over energy consumption**.

GLS-EM-MCU Power Meter Control Unit

- Provides power metering across 3 phases (main legs)
- Compatible with 100-347 Volt, split and 3-phase systems
- Also allows power metering for up to 84 individual branch circuits
- Works with GLS-EM-CT and GLS-EM-CTI current transformers and interfaces
- Measures and logs RMS voltage, current, and active power
- Reports data to a control system and Fusion EM™ software
- Allows real-time power monitoring on a touch screen, computer, or mobile device
- Internal non-volatile memory reliably stores logged data

Control Every Light Source

The DALI® standard allows individual lighting fixtures in an open office or classroom to be controlled independently through simple low-voltage wiring. **Crestron Green Light solutions for DALI interfaces, ballasts, and software simplify DALI system commissioning and routine maintenance**, providing for easy setup of fixture addresses and groups, and making ballast replacements effortless.

DALI ballasts from Crestron provide architects, designers, engineers and building owners with **incredible flexibility in building and lighting design**, both in new construction and retrofits. DALI ballasts from Crestron are also significantly more efficient that standard fluorescent and electronic fluorescent ballasts. Optional **built-in power metering affords the ability to measure, monitor, and manage power at each light fixture**, making it easy to control utility costs by tracking real time energy usage.

NEW! GLB-DALI-T

Crestron Green Light® DALI® Ballasts

- Drive multiple lamp types from one ballast
- Universal voltage support (120-277 VAC)
- Flicker-free dimming from 1% to 100%
- Energy efficiency class EE1=A1
- Optional integrated power metering
- Robust protection for long life
- 40kHz operation reduces lamp flicker and prevents interference with infrared devices
- Compatible with the Crestron DIN-DALI-2 or any standard DALI controller
- Available single-lamp, 2-lamp and 3-lamp models
- Most comprehensive, energy efficient ballast solution

DIN-DALI-2
2-Channel DALI® Interface

- Two independent DALI channels
- Controls up to 64 ballasts per channel
- Cresnet® or Ethernet communications
- PoE or Cresnet powered
- Integrated DALI power supply
- Override input
- Easy setup using Crestron commissioning software for DALI
- 9M wide DIN rail mounting

NEW! GLD-DALI-LED
DALI® Dimmable LED Drivers

- Programmable, dimmable, high-power LED drivers
- DALI® controllable (0-10V also available)
- Superior, smooth dimming to below 1%
- Excellent color stability, even at low dimming levels
- Linear or logarithmic dimming curve
- High efficiency over a wide power and voltage range
- CREScode™ programmable for use with a wide variety of LED fixtures
- Lowers costs by reducing inventory requirements
- Multiple outputs with independent LED current settings
- 2-channel models support tunable white lighting and direct-indirect fixtures
- NTC interface for robust thermal management
- Available in long or short case form factors
- Compatible with 120V, 230V, and 277V AC systems
- Available 50W and 100W models

EMerge Alliance® Low-Voltage Lighting Control

Leading the industry in this "emerging" technology, Crestron is proud to offer **the first available EMerge Alliance registered wireless dimmer** designed for use with the Armstrong® DC FlexZone™ Grid and other 24 Volt DC lighting systems. These dimmers require no special wiring, utilizing **infiNET EX® wireless technology** to link with a lighting control system. They also provide a direct interface for occupancy sensors and photocells as part of a complete energy management strategy.

CLC-1DIMFLV2EX-24V Wireless In-Ceiling 0-10V Dimmer for 24VDC Applications

- Enables Crestron control of EMerge Alliance® registered fixtures
- Compact design installs easily at the fixture
- No special wiring — installs inline at the fixture
- Provides two independently controlled 0-10V outputs
- Includes inputs for a photocell and occupancy sensor
- 2.5 Amp switched load capacity per channel
- Ultra-reliable infiNET EX® wireless communication
- Local controls for testing and maintenance
- Controllable via standard momentary or maintained switch
- Setup via on-board button or connected switch
- Compatible with Armstrong® DC FlexZone™ Grid

Single Room Lighting Control – Packed with Power Saving Features

Crestron Green Light® Power Packs deliver **affordable room lighting control with the essential features for reducing energy usage**. Available with up to three channels of switching or 0-10V dimming, each GLPP model includes inputs for a photocell and occupancy sensor to control lighting levels automatically based on the amount of natural light and the presence of people in the room. The dimming models also include **built-in power monitoring to track energy usage in real time**, providing accurate metrics to assess real power savings.

GLPP Crestron Green Light® Power Packs

- Works in 120 to 277VAC systems
- 1, 2 and 3 channel models available
- Switched and 0-10V dimming models available
- Adaptive zero-cross switching for extended life
- Supports lighting control based on room occupancy
- Supports daylight harvesting
- Real-time power monitoring on dimming models
- Easy setup and operation via handheld remote
- Supports up to two wall mount keypads
- Easy keypad wiring using existing switch-loop wiring
- Standalone operation, linkable to a central control system via Cresnet® (wired) or infiNET EX® (wireless)

Cost-Saving Lighting Control for Large or Multiple Rooms

The GLPAC offers **0-10V dimming for up to four rooms with built-in energy management features** including occupancy sensing, daylight harvesting, and optional power monitoring. A single GLPAC controls up to 8 channels of dimmable fluorescent or LED lighting fixtures across up to 4 rooms without any complicated programming. Cresnet and Ethernet connectivity afford extensive system configuration using keypads, touch screens, shade controllers, and more.

GLPAC Crestron Green Light® Integrated Lighting Systems

- Works in 120 to 277VAC systems
- Provides 4 or 8 channels of 0-10V dimming
- 16 Amp load rating per channel
- Phase-independent channels
- Positive air gap at each output
- Fully programmable control system on board
- Preloaded program for quick setup
- Built-in Web-based setup wizard
- Supports occupancy sensing and daylight harvesting for up to 4 rooms
- Optional real time power monitoring per channel
- Local controls for setup, testing and verification
- Local and remote override capability
- Non-volatile power failure memory
- Local and slave Cresnet® ports
- High-speed Ethernet LAN port

Easy, Scalable Lighting Control System

Out of the box, the GL-IPAC-SW8 provides lighting control for 8 switched circuits. Its **built-in IPAC control system affords expansion to support up to 64 circuits** with no additional programming. It can also support keypads, occupancy sensors, photocells, and time clock automation with setup provided through its LCD front panel. Network connectivity enables integration as **part of a complete building management system.**

NEW! GL-IPAC-SW8

Crestron Green Light® Integrated Switching System

- Supports up to 8 channels of switched load
- Expandable to 64 channels of switched load
- Supports 100 to 277 Volt applications
- 16 Amp load rating per channel
- Built-in Control System with Cresnet® and Ethernet ports
- No programming required
- Positive air gap at each output
- Phase-independent channels
- Local controls for setup, testing and verification
- Local and remote override capability
- Non-volatile power failure memory
- Plenum-rated metal enclosure with hinged front cover

In-Wall Integrated Room Lighting and Shade Controller

Crestron iLux® provides **a versatile, energy-saving wall mount lighting controller for boardrooms, auditoriums, and custom theaters** with 6 dimmable lighting zones and 6 motorized shade control zones. Multiple units can be linked to handle larger rooms and multi-room applications. Support for occupancy sensors and photocells enables localized energy management functionality. Wired or wireless **control system integration allows for room-combining, facility-wide integration, and centralized energy management** using Fusion EM™ software.

CLS-C6M

CLS-C6 Series iLux® In-Wall Lighting Systems

- 6 channels of dimming or switching
- 6 groups of shade and drape control
- Linkable for large rooms and multi-room applications
- Front panel controls with customizable labeling
- Easy setup from front panel or iLux Designer software
- Add-on keypads, touch screens, and IR remote
- Supports occupancy sensors and photocells
- Optional integrated motion sensor
- Integrates with control systems via Cresnet® or infiNET™
- Expanded load type support via CLS-EXP modules
- Available in white, black, or almond

Wireless Door Locks – Convenience is Key

Yale® wireless door locks offer **incredible convenience for the modern home.** Featuring infiNET EX® wireless communications, they can be integrated with a Crestron® control system, allowing doors to be locked and unlocked from any touch screen in the house, or remotely using your computer or mobile device. Simply unlocking the front door can also turn on the lights, disarm the security system, adjust the thermostat, and play your favorite music. Different users can be identified by their unique PIN codes, allowing you to **see when and by whom a door has been locked or unlocked,** and even receive a text or email when the kids get home or the cleaning crew has finished up.

NEW! **CLK-YL** Yale® Wireless Door Locks

- Stylish lever and deadbolt type door locks
- Integrated infiNET EX® wireless communications
- Capacitive touch screen, pushbutton, or keyed-only options
- Illuminated buttons for nighttime visibility
- Remotely lock and unlock doors using touch screens, remotes and mobile devices
- View true feedback of door lock status and battery level
- View event history and receive text alerts for each door
- Manage user IDs and preferences easily
- Create temporary user IDs for guests and service people
- Receive alarms for low battery, tampering, and more
- Allows one-touch locking and automatic relocking
- Runs one year on four AA alkaline batteries
- Compatible with 2-Series and 3-Series™ control systems
- Integrates with lighting, shades, HVAC, security and AV
- Available in polished brass, bronze, and satin nickel finishes

Maximize Natural Lighting to Minimize Energy Usage

Crestron Shading Solutions provide precise, quiet management of daylight with a **complete line of motorized roller shade, roman shade and drapery track systems**. Choose from over 400 fabrics and a wide variety of decorative hardware and finish options. Crestron Shading Solutions help **beautify any space while controlling energy costs** as part of a complete energy management solution.

CSS Crestron® Shading Solutions

- A complete line of shading and drapery track systems
- Integrates seamlessly with lighting and climate controls
- Over 400 fabric options
- Wide variety of styles, colors, and metal finishes
- Maximum coverage with the smallest possible light gaps
- Smooth, silent starts and stops
- Programmable stop points
- Grouping requires no special controls or relay systems
- Easy low-voltage wiring using Cresnet®
- **NEW!** infiNET EX® wireless option
- 8 year limited warranty

Now shipping, Crestron CSM-QMT50 shading motors are **offered in both Cresnet® wired and infiNET EX® wireless** models. Fully-integrated electronics eliminate the need for bulky add-on interface modules for a perfectly clean, streamlined installation. **Quiet Motor Technology™ ensures silent yet robust operation** for shades sized 38" and larger.

NEW! CSM-QMT50 QMT™ Shade Motors

- Crestron® Quiet Motor Technology™
- Quietest shade motor currently available
- Built-in Cresnet® wired or infiNET EX® wireless interface
- For shades 38" and larger

Coming soon, Crestron Digital QMT™ shading motors offer **greater torque and lower power consumption in less space** than other shading motors on the market. Featuring a DC brushless digital motor design, Digital QMT motors are incredibly quiet and do not wear out over time like other motors. Precise variable speed control capability allows for **real-time speed adjustment increments of 1/10 of an RPM.** Consistent performance is delivered regardless of torque for shades as small as 17" or as large as 10'x10' and beyond.

NEW! CSM-QMTDC-256
Digital QMT™ Shade Motors

- Ultra-quiet, long-life DC brushless digital motor technology
- Greater torque and smaller footprint than other motors
- Reduced power consumption
- Real-time variable speed control in 1/10 RPM increments
- Built-in Cresnet® wired or infiNET EX® wireless interface
- For shades 17" to 10'x10' and larger

From updating a conventional thermostat for essential HVAC integration, to managing commercial-grade environmental systems in the most high-tech estate or high-rise MDU, **Crestron gives you more ways to interface with climate control systems** as part of a total home control and energy management solution.

Communicating Thermostats

Crestron thermostats install easily in place of any conventional thermostat to enable full integration as part of a total Crestron solution.

CHV-TSTATEX Wireless Thermostat w/infiNET EX®

- Heat/cool thermostat for baseboard, forced air, and heat pump HVAC systems
- FCU (Fan Coil Unit) versions available for hotel room applications
- Crestron system integration via infiNET EX wireless network – no extra wires required
- Saves on energy costs with advanced programming abilities
- Supports two remote temperature sensors
- Fail-safe mode allows continuous operation if control system goes offline
- Large backlit LCD display
- Available in white, black, or almond

CHV-TSTAT & CHV-THSTAT Thermostats

- Heat/cool thermostats with optional humidistat
- Cresnet® wired control system interface
- Supports two remote temperature or humidity sensors
- Large backlit LCD display
- Available in white, black, or almond

3-Series™ providing BACnet®/IP Support

In a luxury home or high-rise complex employing commercial grade HVAC equipment, BACnet can be utilized to provide a seamless interface to the Crestron system. With **BACnet/IP support built into every 3-Series Control System®**, there's no need for a separate gateway or protocol translator.

Native support for the BACnet/IP communication protocol provides **a direct interface to third-party building management systems over Ethernet**, simplifying integration with HVAC, security, fire & life safety, voice & data, lighting, shades, and other systems. Using BACnet/IP, each system runs independently with the ability to communicate together on one platform for a truly smart building.

Occupancy and Ambient Light Sensing

A total energy management solution requires automation of lighting, HVAC, shades, AV and other equipment in response to the changing conditions in a room. Crestron Green Light® Occupancy Sensors provide reliable detection of when a room is vacant or occupied, allowing lights and AV equipment in the room to be shut off and climate control turned down when they're not needed. Photocells enable daylight harvesting, allowing shades and lighting to be adjusted according to the amount of ambient light available through windows and other natural light sources.

NEW! Green Light occupancy sensors with **Cresnet® and infiNET EX® offer easier integration and faster installation.** Cresnet wired connectivity provides power and communication for multiple daisy-chained sensors while infiNET EX offers an effective and economical wireless solution.

GLS-ODT-C-CN

GLS-OIR-CSM-EX-BATT

NEW! GLS-ODT-C-CN

Dual-Technology Occupancy Sensor with Cresnet®

- Integrated Cresnet® interface
- Dual-technology motion detection
- 360 degree, 2000 square feet coverage
- Extremely accurate and reliable sensing
- Built-in ambient light recognition
- Input for a Crestron photocell
- Grace occupancy allows motion to turn lights back on within 15 seconds of a false vacancy detection

NEW! GLS-OIR-CSM-EX-BATT

Battery-Powered infiNET EX® Occupancy Sensor

- Surface mount, no holes to cut or drill
- Passive infrared motion detection
- 360 degree, 500 square feet coverage
- 9 Volt battery powered
- Control system integration via infiNET EX® wireless network
- Grace occupancy feature

GLS-LCL

GLS-LOL

GLS-LCL & GLS-LOL
Crestron Green Light® Photocells

- Measure ambient light level from all available light sources
- Versatile flush or surface mount options
- 0 to 10 Volt DC analog control output
- Optional Cresnet® control interface via GLS-SIM

GLS-ODT-W-1200

GLS-ODT-C-2000

GLS-ODT-C & GLS-ODT-W
Dual-Technology Occupancy Sensors

- Dual-technology motion detection
- Versatile ceiling & wall mount options
- Up to 2000 square feet coverage area
- Extremely accurate and reliable sensing
- Microprocessor-controlled self-adapting operation
- Built-in ambient light recognition
- Optional Cresnet® control interface via GLS-SIM
- **GLS-OIR-C & GLS-OIR-W** passive infrared models also available

DIN Rail Lighting & Automation

Squeeze the most out of small spaces with DIN rail lighting products. Great for boardrooms, classrooms, condominiums and custom theaters, DIN rail modules deliver **integrated lighting and motor control at the best price per square inch.** In addition to lighting and motor control, our complete DIN rail line **includes two powerful 3-Series™ control systems,** a DALI® interface, several versatile control interfaces, and Cresnet® distribution solutions.

NEW!
DIN-AP3MEX

NEW!
DIN-AP3

DIN-1DIM4

DIN-8SW8

DIN-2MC2

DIN Series DIN Rail Enclosures & Modules

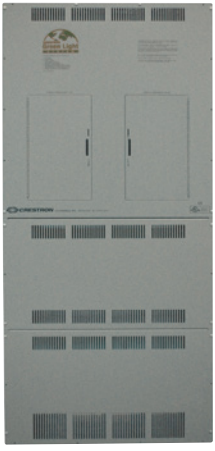
- Metal enclosures available with 2, 3, or 6 18U rails
- **NEW!** DIN-AP3 3-Series™ Automation Processor features on-board control ports, Cresnet®, Ethernet, and BACnet®/IP support
- **NEW!** DIN-AP3MEX features Cresnet, Ethernet, BACnet/IP support, and built-in infiNET EX® wireless gateway
- DIN-DALI-2 2-Channel DALI® Interface controls 128 DALI ballasts
- 4-channel dimming available for most load types
- Zero cross filter technology
- 8-channel high-voltage switching available for non-dimmable loads
- 2-channel bidirectional motor control
- Support for 120 to 240 Volts
- Override input capability
- Versiport and 0-10V analog output control modules
- Cresnet power supplies, hub, and distribution block modules

DIN-EN-3X18

Central Lighting Control Cabinets

Crestron Green Light® Architectural Dimming (GLPD) systems offer **the very best in lighting control**. Designed for demanding commercial environments including office buildings, meeting and convention centers, museums, and restaurants, Green Light Architectural Dimming delivers precise dimming control coupled with ultra reliable hardware.

Green Light Power Switching (GLPS) systems provide robust switching for warehouses, parking garages, courtyards and retail spaces. Green Light Express (GLPX) encompasses a variety of cost-effective, space-saving feed-thru cabinets with a choice of relay and dimmer types and **optional built-in IPAC control processor**.



GLPD Crestron Green Light® Architectural Dimming

- 120 or 277 Volt 2-wire, 3-wire, MLV, and 0-10V dimming & switching
- Phase-synchronous detection zero-cross filter technology
- Up to 60 circuits per panel
- Integrated branch circuit breakers
- Optional main circuit breaker
- Feed-thru cabinets available
- Field-replaceable lighting modules
- Remote emergency override capability
- UL924 listed (emergency power equipment)
- Available main and branch circuit power metering using GLS-EM-MCU

GLPS Crestron Green Light® Power Switching

- 120 and 277 Volt switching
- Optional zero-cross arcless switching
- Available 0-10V fluorescent dimming
- Up to 56 circuits per panel
- Integrated branch circuit breakers
- Optional main circuit breaker
- Field-replaceable lighting modules
- Remote emergency override capability
- Available main and branch circuit power metering using GLS-EM-MCU

GLPX Green Light Express® Dimming & Switching

- 120 or 277 Volt 2-wire, 3-wire, MLV, and 0-10V dimming & switching
- Optional zero-cross arcless switching
- Available 120/208, 277/480, and 230/400 volt 3-phase switching
- Up to 84 circuits per cabinet
- Feed-thru type panels
- Field-replaceable lighting modules
- UL924 listed (emergency power equipment)
- Available main and branch circuit power metering using GLS-EM-MCU
- Optional built-in IPAC control processor

CAEN Automation Enclosures

- Combined dimming, switching, fan, and motor control for residential applications
- Configurable using CLX Series lighting control modules
- Space for PAC2 or PAC2M automation control systems
- Up to 112 controlled circuits per panel
- **NEW! CAEN-MLO** models allow up to 20 breakers per panel

In-Wall Wireless Dimmers & Switches

CAMEO®

Cameo® dimmers and switches offer direct control of individual lighting circuits in an attractive wall plate form factor. **Robust wireless networking via infiNET EX®** enables integration with a central control system without running any extra wiring, providing an ideal upgrade for rooms with existing wall plate dimmers and switches — including 3-way and 4-way circuits. An integrated system **allows every lighting load to be centrally controlled and monitored** as part of a building-wide energy management solution.

Cameo dimmer and switches can also function as keypads, allowing for **customizable control over whole-room lighting scenes, AV, and other room functions.**

NEW! Cameo options include support for 230 and 277 Volt lighting systems and dimming of electronic low-voltage fixtures.

CLW-DIMEX-P & CLW-SWEX-P
Cameo® Wireless In-Wall Dimmers & Switches

- **NEW!** 120V, 230V and 277V versions available
- Supports incandescent, tungsten halogen, and magnetic low voltage load types
- Available in 12 Cameo colors and finishes
- Field replaceable and engravable buttons
- infiNET EX® wireless communication
- Dimmers configurable with up to 4 buttons
- Switches configurable with 2 buttons or rocker
- Screw-clamp connectors for easier installation
- White LED feedback indicators
- Stylish bargraph for real-time status feedback
- Remote dimmers and switches available for 3- or 4-way functionality
- Available **CLW-DIMSWEX-P** provides combo dimmer and switch in one device

NEW! CLW-DELVEX-P
Cameo® Wireless In-Wall ELV Dimmers

- 120V, 230V and 277V versions available
- Supports incandescent, electronic low voltage, and dimmable 2-wire fluorescent load types
- Available in 12 Cameo colors and finishes
- Field replaceable and engravable buttons
- infiNET EX® wireless communication
- Configurable with up to 4 buttons
- Screw-clamp connectors for easier installation
- White LED feedback indicators
- Stylish bargraph for real-time status feedback
- Remote dimmers available for 3- or 4-way functionality

CLW-DIMEX-E & CLW-SWEX-E Cameo® Express Wireless In-Wall Dimmers & Switches

- Lower cost alternative to Cameo Wireless In-Wall Dimmers and Switches
- **NEW!** 120V and 230V versions available
- Available in smooth almond, black and white
- Green LED feedback indicators
- Available **CLW-DIMSWEX-E** provides combo dimmer and switch in one device

NEW! CLW-DELVEX-E
Cameo® Express Wireless In-Wall ELV Dimmers

- Lower cost alternative to Cameo Wireless In-Wall ELV Dimmers
- 120V and 230V versions available
- Available in smooth almond, black and white
- Green LED feedback indicators

Wireless Integrated Lamp Control

Even plug-in type lamps and fixtures can be monitored and controlled using Crestron Green Light® lamp dimmers and switches. Wireless communication provides an easy path to integration with a central energy management system.

CLW-LDIMEX & CLW-LSWEX
Wireless Lamp Dimmers and Switches

- Control system integration via infiNET EX® wireless network
- Plugs into a 120 Volt AC receptacle
- Single and dual channel models available

Beautiful, Functional, Configurable

CAMEO®

Crestron Cameo® is a favorite keypad choice for all types of lighting and AV control applications. The choice of wired or wireless connectivity allows **easy, flexible installation in both new and existing structures.** Wired versions also provide a local interface for occupancy sensors and photocells as part of a total energy management solution.

INET-CBDEX-P Cameo® Wireless Keypads

- Available in all 12 Cameo colors and finishes
- Configurable with up to 8 backlit engravable buttons
- Optional “split-buttons” in bottom two positions
- Auto-dimmable backlight and LED intensity
- White LED feedback indicators
- Built-in blinking and bargraph logic
- infiNET EX® 2-way RF wireless communication
- Standard wall box mountable
- **NEW!** 120V, 230V or 277V AC line powered

C2N-CBD-P Cameo® Keypads, Standard Mount

Same features as Cameo Wireless Keypads except:

- Cresnet® wired communication and power
- Dual Versiport interface for external sensors
- Compatible with Ascent® metal faceplates

Affordable Control with Essential Features

A lower-cost Cameo® alternative, Cameo Express provides the features you need to deliver a **high-quality custom keypad solution at a very reasonable price.**

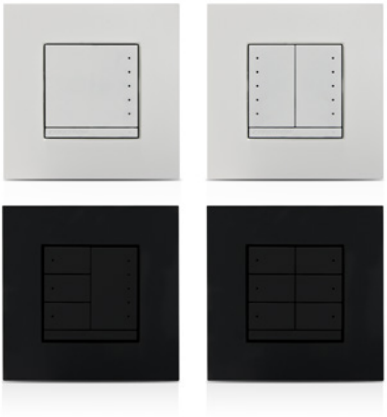
INET-CBDEX-E
Cameo® Express Wireless Keypads

- Lower cost keypad solution
- Available in smooth almond, black and white
- Configurable with up to 8 engravable buttons
- Optional “split-buttons” in bottom two positions
- Green LED feedback indicators
- Built-in blinking and bargraph logic
- infiNET EX® 2-way RF wireless communication
- Standard wall box mountable
- **NEW!** 120V or 230V AC line powered

C2N-CBD-E
Cameo® Express Keypads, Standard Mount

Same features as Cameo Express Wireless Keypads except:

- Cresnet® wired communication and power
- Compatible with Ascent® metal faceplates



CLWI-KPL In-Wall Lighting Keypad
International, 230V

- Companion keypad to CLWI Dimmers & Switches
- Field replaceable and engravable buttons
- Dimmer controls 0-10V dimmable LED or fluorescent fixtures
- Available in anthracite or white finishes
- infiNET EX robust communication
- Configurable up to 6 buttons
- Supports any 3rd party maintained or momentary switch for remote dimming
- Screw-clamp connectors for easy installation
- Stylish bar graph LED array provides real-time status feedback

Full Functionality, Tiny Footprint

For architects looking for **a more subtle stylistic approach to providing lighting and AV control,** Crestron offers Cameo® Flush Mount Keypads. The design that earned Cameo its name, these tiny keypads offer the same full-sized configurable buttons and other features as standard mount Cameos in approximately 1/3 of the space.

C2N-CBF-P Cameo® Keypads, Flush Mount

- Incredibly small footprint and slim profile
- Available in 5 Cameo textured colors
- Compatible with Ascent® metal faceplates
- Configurable with up to 8 backlit engravable buttons
- Optional “split-buttons” in bottom two positions
- Auto-dimmable backlight and LED intensity
- White LED feedback indicators
- Built-in blinking and bargraph logic
- Cresnet® wired communication and power
- Dual Versiport interface for external sensors

Modern Design Meets Modern Function

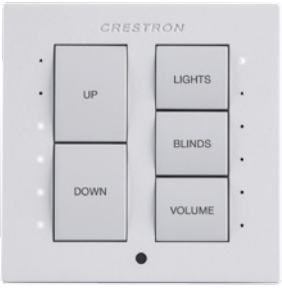
Even the most luxurious or contemporary interior is a perfect candidate for Cameo® keypads. Ascent® faceplates bring high-style to any Cameo wired keypad in seven **lustrous metallic finishes designed to appeal to the most demanding architect or executive.**

CBD-FP-ASCENT & CBF-FP-ASCENT Ascent® Solid Metal Faceplates for Cameo® Keypads

- Choice of 7 luxurious colors and finishes
- One-piece solid metal bezel
- Exceptional fit and finish
- Mix and match with any color buttons
- Multiple cutout designs and button configurations
- Models available for Cameo Standard Mount and Flush Mount keypads

Cameo® Style for International Wall Boxes and Lecterns

These flexible keypads are designed for installation in UK and European style wall boxes, and can also be mounted into furniture without requiring a backbox. Optional architectural faceplates offer a metallic accent for a sophisticated appearance.



C2NI-CB Cameo® International Keypads

- UK/European style electrical box installation
- Flush mountable without a backbox
- Available in textured almond, black or white
- Architectural faceplate options available
- Versatile combinations of up to 12 pushbuttons
- Customizable backlit button engraving
- White LED feedback indicators
- Built-in LED blinking and bargraph logic
- Auto-dimmable backlight and LED intensity
- 2 contact closure inputs
- Cresnet® wired communication and power

Low-Cost, High-Function

Provide essential control over AV, lighting, and other functions in these 6, 8, or 12 button Decorator Keypads.

C2N-DB Decorator Keypads

- Available in smooth almond, black, and white
- Match off-the-shelf decorator style faceplates
- Available in 6, 8, and 12 button configurations
- Replaceable, custom-engravable buttons
- Programmable feedback LEDs
- Cresnet® wired communication and power

Big Buttons, Bold Appearance

Crestron Designer Keypads deliver enhanced functionality in an attractive wall plate design featuring extra large buttons and optional backlighting.

Shown w/Architectural faceplate option

Shown w/3-gang Designer faceplate option

CNX-B Designer Keypads

- Elegant design with large buttons
- Gangable up to 3 side-by-side
- Available in 5 textured colors
- Designer and Architectural faceplate options
- Available in 2, 4, 6, 8, and 12 button configurations
- Replaceable, custom-engravable buttons
- Programmable feedback LEDs
- Backlit button option
- WAV file audio feedback
- Cresnet® wired communication and power

FlipTop™ Interface & Control

Crestron FlipTops provide a stylish and practical solution for putting control and connectivity at hand in conference tables and presentation podiums. Options include integrated touch screen or keypad control plus a **retractable cable management system.**

C2N-FT-TPS4
FlipTop™ Touch Screen Control Center

- Stylish flush-mount FlipTop housing
- Integrated 3.6" active matrix color touch screen
- 10 translucent white backlit pushbuttons
- WAV file audio feedback
- **CBLR** Retractable Cable Management – Fits up to four cable retractors
- Optional AC power outlet
- Cresnet® and Ethernet communications
- **FT-PWR-D-LG** FlipTop Power Center also available (no touch screen)

C2N-FTB-D FlipTop™ Control Center

- Stylish flush-mount FlipTop housing
- Integrated keypad with dual bargraphs
- **CBLR** Retractable Cable Management – Fits up to three cable retractors
- Dual AC power outlets
- Cresnet® communications
- **FT-PWR-D** FlipTop Power Center also available (no keypad)

NEW! CBLR
Cable Retractors for FlipTop™ Boxes

- Keeps interface cables at-the-ready
- Easy-to-use – won't recoil until you press the lever
- Eliminates hanging cable loops beneath the table
- Cable retractors available for HDMI®, VGA, 3.5mm TRS Stereo Audio, USB, Ethernet, HDBaseT® and DM 8G+™
- Gang up to 4 retractors in a FlipTop Touch Screen Control Center or Large FlipTop Power Center
- Gang up to 3 retractors in a FlipTop Control Center or Small FlipTop Power Center
- May be oriented vertically or horizontally beneath the table – fits inside a pedestal leg or to the underside of the tabletop

On-The-Spot Control

Put control right where you need it with this wireless, battery-powered, 2-button keypad controller. On a hotel room nightstand, boardroom conference table, or anywhere in the home, the HTT-B2EX-BATT provides **simple, convenient, and reliable control** for all types of applications from lighting and shades to AV presentation.

NEW! HTT-B2EX-BATT
2-Button Wireless Keypad

- Convenient 2-Button wireless tabletop controller
- Ultra-reliable infiNET EX® RF wireless communication
- Runs for 5 years on a user-replaceable Lithium battery
- Low-profile and compact — just 2-3/4" (70 mm) diameter
- Completely portable — no wires to connect
- Optional tethered model prevents removal from hotel rooms
- Available in white or black

Crestron Connect It™

Crestron Connect It™ is a user-friendly tabletop presentation solution offering **connectivity and control in one easy-to-install device.** Using the Crestron Connect It Presentation Interface, anyone can easily connect their laptop or tablet device and instantly start presenting. Multiple Presentation Interfaces can be deployed to **enable natural, free-flowing collaboration** amongst several participants in a huddle room, conference room, or training lab. Simple one-touch control at each Presentation Interface makes toggling between sources effortless.

NEW! **TT-100** Crestron Connect It™ Presentation Interface

- Streamlined tabletop presentation interface
- Stylish, unimposing design
- Simple one-touch toggling between multiple sources
- Soft-touch capacitive buttons with multicolored status indicators
- Easy left or right hand access
- Recessed cable storage compartment
- Available with or without cables
- Standard or premium cables offered
- Weight-assisted cable retraction
- Grounded AC power outlet
- Integrates with DigitalMedia™ and other systems
- Compact and easy to install
- Available in black or white textured

Touch Screens & Remotes

Control any room, the entire home or facility, conveniently from any of our beautiful, stylish touch screen or remote control. With such a wide selection for you to choose from, you're sure to find the perfect piece to meet your needs and complement any space.

TSW Capacitive Touch Screens

Large Format HD Video Touch Screens

Large Format Streaming Touch Screens

Smaller Format Touch Screens

Scheduling Panels

Handheld Touch Screens

Handheld Remote Controls

Waterproof Remote Controls

Silky Smooth and Packed with Power

The new TSW-550, 750 and 1050 offer powerful Smart Graphics™ in **a choice of three space-efficient surface mount designs. Each features an edge-to-edge capacitive touch surface,** H.264 streaming video, Rava™ SIP intercom, single-wire PoE connectivity, and standard gang-box installation**.**

TSW-550, TSW-750 & TSW-1050
Touch Screens

- Ultra clean, modern appearance
- Thin profile and small footprint
- Affordable and easy to install
- 5”, 7”, and 10” widescreen color displays
- Smart Graphics™
- Capacitive touch screen technology
- High-performance H.264 streaming video
- Rava™ SIP intercom and phone technology
- Customizable audio feedback
- Built-in microphone and speakers
- 5 soft-touch capacitive buttons
- Single-wire Ethernet connectivity
- PoE network powered
- Compatible with universal mounting bracket
- Available in black or white finish
- Available tabletop and flush wall mount options

Award-Winning Ergonomics, All New Experience

The new TST-600 adds Smart Graphics™ to our best-selling TPS-6X Wireless Touch Screen, providing **a whole new user experience** in a slick-looking portable design.

NEW! **TST-600** 5.7" Wireless Touch Screen

- Advanced wireless touch screen controller
- Compact, lightweight contoured design
- 5.7" TFT active matrix color LCD display
- Capacitive touch screen technology
- Smart Graphics™
- High-performance H.264 streaming video
- Rava™ SIP intercom and phone technology
- Customizable audio feedback
- Built-in microphone and speakers
- Illuminated buttons and engravable backlit text
- No-button front bezel option included
- Dual-mode RF wireless performance – Extended Range 2.4 GHz RF and Wi-Fi
- Instant-Waking® behavior – like an IR remote with all the benefits of 2-way RF!
- Low-profile tabletop docking station
- Available in-wall docking station
- Compatible with existing TPS-6X docking stations
- Available in smooth black or white, or textured black finishes

“Go Anywhere” Touch Screen Control and Room Scheduling

The TPMC-4SM makes an elegant statement wherever you put it. A complete set of mounting options are offered for installation over a standard electrical box, placed on a table top, or attached to **any flat surface — even glass, granite, marble, or concrete**.

TPMC-4SM 4.3" Touch Screen

- Versatile wall, surface, and tabletop mounting options
- 4.3” widescreen color touch screen
- Smart Graphics™
- HIgh performance H.264 streaming video
- Crestron IP intercom
- Customizable audio feedback
- Built-in microphone and speaker
- Built-in proximity sensor
- 10 optional “hard key” pushbuttons
- Dual-color button backlighting and feedback
- Also available with white LEDs (model TPMC-4SMD)
- Custom engravable button text
- Fusion RV® room scheduling mode
- Room occupancy sensor option
- Single-wire Ethernet connectivity
- PoE network powered
- Black or white smooth finish

Rava™ SIP Intercom & Phone — Talk To Me!

Rava SIP Intercom Technology enables hands-free VoIP communication between any two Rava-enabled Crestron touch screens, including all TSW models. Rava works over Ethernet, supporting 2-way intercom, paging, and room monitoring without any special wiring. VoIP phone capability is also possible through integration with an SIP-compatible IP phone system or SIP server, allowing hands-free telephone functionality with speed-dialing, caller ID, custom ringers, and other enhancements.

The TPMC-4SM-FD packs the power of Smart Graphics™ with Rava SIP Intercom technology to deliver **a total room control solution with the added capabilities of a hands-free phone or intercom station**. Built-in echo cancellation affords **true-duplex**

performance for clear, seamless voice communication.

TPMC-4SM-FD 4.3" Touch Screen with Rava™

- 4.3” widescreen color touch screen
- Smart Graphics™
- High-performance H.264 streaming video
- Rava™ SIP intercom and phone technology
- Built-in microphone and speaker
- Customizable audio feedback
- Built-in proximity sensor
- 10 optional “hard key” pushbuttons
- Dual-color button backlighting and feedback
- Also available with white LEDs (model TPMC-4SMD-FD)
- Custom engravable button text
- Fusion RV® room scheduling mode
- Room occupancy sensor option
- Single-wire Ethernet connectivity
- PoE network powered
- Surface mount over a wall box or 2” square hole

A New View of Room Scheduling

The new TSW-730 features a big, brilliant screen with **lots of space for displaying essential meeting and scheduling information** all at once. Mounted outside a room, anyone can **see at a glance if the room is in use or available,** and view details about the current meeting on the color display. A swipe of the finger across the touch screen reveals the room's entire schedule on a scrolling calendar ribbon. You can even reserve the room, or any other room, right from the touch screen.

NEW! **TSW-730 7"** Room Scheduling Touch Screen

- Works with Crestron Fusion RV® software
- Integrates with most popular scheduling applications
- Intuitive on-screen scheduling interface
- 7" widescreen active-matrix color display
- Capacitive touch screen technology
- Smart Graphics™ support
- Dual-color room status indication
- Built-in proximity sensor
- Room occupancy sensor option
- Custom programmable for other applications
- H.264 streaming video, Rava™ SIP intercom, and customizable audio feedback
- Optional "hard key" pushbuttons with dual-color backlighting
- Custom engravable button text
- Single-wire Ethernet connectivity
- PoE or PoE+ network powered
- Versatile wall, surface, and tabletop mounting options
- Modern, contoured appearance
- Black or white smooth finish

Small Size, Big Performer

At a very affordable cost, the TPMC-3SM provides a perfect room scheduling solution for use with Crestron Fusion RV® software, and affords total control over audio, video, lighting, and other functions — all in the space of a light switch.

TPMC-3SM 2.8" Wall Mount Touch Screen

- Modern, contoured appearance
- Thin profile and small footprint
- Affordable and easy to install
- Quick-access pushbuttons
- Dual-color LED button backlighting
- Also available with white LEDs (model TPMC-3SMD)
- Fusion RV® room scheduling mode
- Single-wire Ethernet connectivity
- PoE network powered
- Single-gang wall box mountable
- Available in smooth black or white

Big Touch Screens with Big Performance

A sleek design, **High-Definition Smart Graphics™**, embedded multimedia and Web browsing, and VESA mount capability make V-Panel™ touch screens our most powerful, versatile, and visually appealing large format touch screens ever. **V-Panels™ can be custom mounted using off-the-shelf display brackets and telescoping arms**. They can be mounted flush in a wall, lectern, equipment rack or console. Or, they can simply be placed on a table or countertop.

Choose a TPMC-V 12" or 15" Integrated HD touch screen with **H.264 streaming and composite video**, or choose the V12, V15, or V24R-C with **DigitalMedia™ connectivity and multi-window HDMI® and analog source display**.

TPMC-V12 & TPMC-V15
V-Panel™ Integrated HD Touch Screens

- 15” widescreen or 12” color touch screen
- High-definition Smart Graphics™
- Onboard PC applications for Web browsing, playing digital media, and viewing digital documents
- High-performance H.264 streaming video
- Wired composite video input
- Crestron IP intercom
- Remote annotation
- Customizable audio feedback
- Supports onscreen or external USB keyboard and mouse
- High-Speed Ethernet and Cresnet®
- Tabletop, in-wall, and VESA-compatible mounting options
- Available in white or black

Touch Screens & Remotes

V12 & V15 V-Panel™ HD Touch Screen Displays

- Same features, appearance and mounting options as TPMC-V
- Works with the DGE-2 Digital Graphics Engine or DVPHD Digital Video Processor
- DigitalMedia™ technology enhances system configurability
- Allows multi-window display of HDMI®, VGA, component and H.264 video sources
- Allows annotation over live video images
- Fully HDCP compliant

V24R-C
V-Panel™ 24" HD Touch Screen Display

- Provides a high-definition video display, computer monitor, and annotator with advanced Crestron® touch screen control
- Rich, accurate color reproduction and high-speed response
- Ultra-wide 178 degree viewing angles
- 1920 x 1200 WUXGA display resolution
- Works with the DGE-2 or DVPHD
- DigitalMedia 8G+™ technology reduces wiring and enhances system configurability
- Multi-window display of HDMI® and other video sources
- Built-in HD scaler enables full-screen video without a DGE
- VESA mount, lectern, or flush wall mount options
- Available in white or black

DGE-2
Digital Graphics Engine

- Touch screen graphics and HD video processing for V-Panels™
- High-definition 24-bit Smart Graphics™
- Embedded PC applications
- High-performance H.264 streaming video
- Dual-window, full-motion HDCP protected HD video display
- Presentation output via HDMI® or DigitalMedia™
- Built-in annotation
- Customizable audio feedback
- Audio input and output via HDMI, DM®, and balanced line-level
- Onscreen and USB keyboard/mouse capabilities

Accelerated Wi-Fi Touch Screen

The TPMC-8X-GA offers a wireless control solution with a huge 8.4” touch screen display in a very practical, easy-to-hold form factor. It features enhanced Wi-Fi wireless performance, Rava™ SIP Intercom, onboard Web browsing and multimedia, H.264 streaming video, and advanced Smart Graphics™.

TPMC-8X-GA 8.4" WiFi Touch Screen

- Stylish and compact ergonomic design
- 8.4” color touch screen display
- Smart Graphics™
- Automatic display brightness control
- High-performance 802.11a/b/g Wi-Fi wireless communications
- Up to 80 feet omnidirectional RF range
- Onboard PC applications for Web browsing, playing digital media, and viewing digital documents
- VNC viewer for remotely accessing and controlling external computers
- Native H.264 streaming video for viewing Web cameras and HD sources
- Rava™ SIP Intercom and phone technology
- Customizable audio feedback
- High-powered speakers, headphone jack, and microphone
- 5-way thumbpad, up/down arrow buttons, and 4 “hard keys”
- Stylus with built-in storage slot
- On-screen mouse and keyboard capability
- USB port for external mouse and keyboard
- Intelligent power management with “wake on touch”
- Internal Li-Ion battery pack included
- External “booster” battery pack available
- Optional desktop and in-wall docking stations

Goes Where No Remote Has Gone Before

This feature-packed waterproof remote offers advanced wireless control capabilities in a fully-submersible package that's resistant to chlorine and salt water — and **can even be immersed in sanitizing fluid for use in a hospital operating room**. Perfect for use around the pool or on a yacht, the optional weather-proof docking station keeps the UFO securely in place while charging through high winds and rough seas.

UFO-WPR-3ER
UFO Waterproof Wireless LCD Remote

- Waterproof handheld remote w/color LCD display
- Ideal for use around the pool or hot tub, in the bath or shower, or on a boat or yacht
- Floats on top of the water's surface, immersible to 10 feet
- Safe for use in chlorinated and salt water environments
- Rubberized exterior won't slip from grip
- Included wrist lanyard keeps your remote at hand
- Includes indoor desktop docking station
- Optional outdoor docking station holds remote securely at any angle and wind speeds up to 55 mph (47.8 kn)
- Features a 2.8" active-matrix color LCD display and intuitive menu-driven user interface
- Provides true-feedback with dynamic text capability
- Displays full-color icons and status indicators
- Tactile buttons for common functions and menu navigation
- Extended Range 2.4 GHz RF wireless technology allows up to 200 feet RF range indoors, 1000 ft outdoors
- Instant-Waking® behavior — works like an IR remote with all the benefits of 2-way RF!
- Affords several hours or days of use between charges

Handheld Wireless Touch Screen

The MTX-3 offers handheld touch screen versatility with ultra-dependable infiNET EX® wireless technology. Rock-solid 2-way RF communications with Instant-Waking® ensures **seamless interaction between all your technology and the way you teach, work, and live**. Control your AV presentation or home theater, adjust audio and lighting in any room, and even browse your media library, all through one stylish, ergonomic device.

MTX-3

2.8" Handheld Wireless Touch Screen w/infiNET EX®

- Sleek and ergonomic handheld design
- Instant-Waking® behavior
- Works like an IR remote — with all the benefits of 2-way RF!
- Ultra-reliable infiNET EX wireless communications
- 75 feet RF range (typical)
- Easy range extension using infiNET EX expanders
- Built-in speaker for customizable WAV file audio feedback
- Widely-spaced tactile pushbuttons
- White EL backlit button text
- 2.8” active matrix color touch screen display
- High display brightness and contrast
- Wide 150 degrees viewing angle
- Customizable 16-bit color graphics
- Dynamic text capability
- Long-lasting LiPo rechargeable battery pack
- Low-profile tabletop docking station included

Low-cost infiNET EX® Remote with Color Display

The MLX-3 affords intuitive control for an entire boardroom, classroom, or custom home through **a brilliant user interface that's simple to use — and just as simple to configure**. Featuring customizable scrolling menus and full-color icons, the MLX-3 makes it easy to select your room, pick a media source, choose a radio station, TV channel, or media title, and even access lighting and other environmental controls — all without having to flip through endless confusing pages of static buttons.

MLX-3 Color LCD Handheld Wireless Remote w/infiNET EX®

- Rugged and ergonomic handheld design
- 2" active matrix color LCD display
- Intuitive menu-driven user interface
- Easy scroll wheel navigation
- True-feedback and dynamic text capability
- Full-color icons and status indicators
- Text search capability via multi-tap keypad
- Smooth, responsive hard buttons
- Adjustable backlit button text
- Ultra-reliable infiNET EX wireless communications
- 75 feet RF range (typical)
- Easy range extension using infiNET EX expanders
- Instant-Waking® behavior
- Works like an IR remote — with all the benefits of 2-way RF!
- Powered by 4 AA lithium or alkaline batteries

iPanel™ Docking Stations

Transform *any* iPad® into a stationary Crestron touch screen with these stylish docking stations.

IDOC-PAD-DS iPanel™
Docking Stations for iPad®

- Support for iPad, iPad 2, and iPad 3rd generation
- Flush wall mountable
- Optional pre-construction mounting kit
- Available left-hand wall docking option

The Ultimate Mobile Touch Screen Experience

Get the Crestron touch screen experience on your Apple® iOS® or Android™ mobile device and **control anything** in your home or workplace **using the one device that goes with you everywhere.**

Crestron Mobile Pro®
Control App for Apple® iOS® and Android™

- Multi-platform mobile control
- Compatible with iPhone®, iPad®, iPod touch®, and all Android™ devices

Control Apps

NEW! Crestron® App
Control App for Apple® iOS® with Smart Graphics™

- Compatible with iPhone®, iPad®, or iPod touch®
- Extensively customizable user interface
- Control of lights, media, climate, security and more
- Real-time status feedback and metadata
- Rava™ SIP Intercom support
- Live streaming video from security cameras
- Seamless integration with third-party apps
- SSL secured communication
- Requires no special server or 3rd-party service
- Programmed just like a Crestron touch screen

Crestron Makes Smart TVs even Smarter

Control the lights, shades, and temperature in any room without interrupting your favorite show. The Crestron® App for Samsung Smart TV™ lets you control things in your home or business from **a customizable onscreen menu on your Samsung Smart TV.**

NEW! Crestron® App for Samsung Smart TV™

- Compatible with 2012 or later Samsung Smart TV™ models
- Provides custom configurable control menus for AV, HVAC, lights, and shades
- Allows AV source selection, volume and mute control
- Enables setting temperature, and controlling lights and shades for multiple rooms
- Provides dynamic text alerts for all types of functions
- Works with any remote including Samsung®, Crestron®, or universal
- Can be set to launch automatically when TV is turned on
- Supports multiple TVs running individually tailored apps
- Download and purchase through Samsung Apps
- Free demo available

Control Apps

XPanel featuring Smart Graphics™

Crestron was the first in the industry to offer an IP-based remote control solution, unleashing the vast possibilities for controlling, monitoring, and managing integrated systems over a LAN, WAN, and the Internet. Today's XPanel technology with Smart Graphics™ affords an incredibly robust IP control platform to deliver **advanced virtual touch screen control through any popular Web browser,** or as a desktop application, whether running on a Mac® or Windows® PC.

XPanel Crestron Control® for Computers

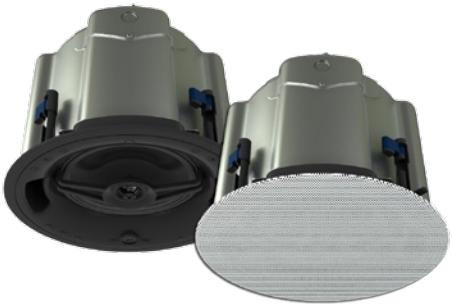
- Virtual Crestron touch screen control on a computer
- Compatible with Windows®, Mac®, and other platforms
- Runs as a desktop application or in a Web browser
- Supports Smart Graphics™
- Programmed just like a Crestron touch screen or mobile app
- Can be generated instantly from an existing touch screen or mobile project
- Communicates directly over IP with a Crestron control system
- No special servers or service fees required

Speakers — the Look and Sound of Crestron

Available for surface and ceiling mount applications, Saros® speakers are **designed to deliver excellent speech intelligibility and full, rich music reproduction** for use in boardrooms, classrooms, restaurants, night clubs, retail spaces, houses of worship, and convention facilities. Solid construction and a number of feature enhancements ensure a **quick and easy installation and years of reliable performance**.

Saros® SR4T, SR6T, & SR8T
2-Way Surface Mount Speakers

- High-performance 2-way surface mount loudspeakers
- Designed for high reliability in indoor and outdoor applications
- 4, 6.5, or 8” polypropylene woofers with damped cloth surrounds for tight, controlled bass and clear midrange
- Optimized dual front ports for enhanced low-frequency response
- Horn-loaded titanium dome tweeters for crisp, clear high-end and enhanced pattern control
- Rigid ABS construction with powder coated aluminum grilles
- Versatile and easy-to-install “QuickBall” mounting system
- May be mounted over an electrical box or to a light pole
- Tool-free clamp mechanism allows 360° rotation and continuously variable positioning
- Up to 200 Watts program power handling at 8 Ohms (SR8T)
- Built-in 70/100V multi-tap transformer
- Available in black or white – paintable to blend with surroundings



Saros® IC4T, IC6T, & IC8T
2-Way In-Ceiling Speakers

- High-performance 2-way in-ceiling loudspeaker
- 4, 6.5, or 8” polypropylene woofer with damped cloth surround for tight, controlled bass and clear midrange
- Optimized dual front ports for enhanced low-frequency response
- Horn-loaded titanium dome tweeter for crisp, clear high-end and enhanced pattern control
- “Zero-bezel” frameless grille for a clean, contemporary appearance
- Integral aluminum back can with top and side conduit knockouts
- Two-step toggle clamps for fast, easy installation
- Includes tile bridge for installation in drop-tile ceilings
- Suitable for installation in a plenum ceiling
- Up to 200 Watts program power handling at 8 Ohms (IC8T)
- Built-in 70/100V multi-tap transformer
- Available in black or white – paintable to blend with surroundings

NEW! Saros® ICS8T 8” In-Ceiling Subwoofer

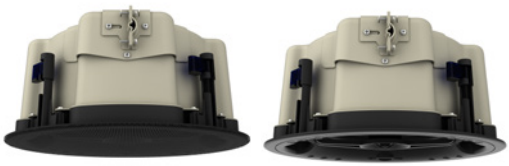
- 8” low frequency driver
- 35 to 250 Hz frequency range
- 8 Ohms nominal impedance
- Built-in 70/100V multi-tap transformer

NEW! Saros® PD4T, PD6T, & PD8T
2-Way Pendant Speakers

- High-performance suspended speaker for open-ceiling applications
- Weather-resistant for use under eves and in semi-enclosed spaces
- 4, 6.5, or 8” polypropylene woofer with damped cloth surround for tight, controlled bass and clear midrange
- Optimized dual front ports for enhanced low-frequency response
- Horn-loaded titanium dome tweeter for crisp, clear high-end and enhanced pattern control
- Rigid glass fiber reinforced ABS construction
- Magnetically attached steel grilles
- Includes 15 ft wire rope and fasteners for attachment to ceiling truss
- 8 Ohms nominal impedance
- Built-in 70/100V multi-tap transformer
- Available in black or white – paintable to blend with surroundings

NEW! Saros® PDS8T
8” Pendant Subwoofer

- High-performance suspended subwoofer
- 8” low frequency driver
- 35 to 250 Hz frequency range
- 8 Ohms nominal impedance
- Built-in 70/100V multi-tap transformer
- Available in black or white



NEW! Saros® ICS6LPT & ICS8LPT
Low-Profile 2-Way In-Ceiling Speakers

- Designed to fit shallower ceiling spaces
- Same quality components and time-saving installation features as Saros IC6T and IC8T

NEW! Saros® ICE4T, ICE6T, & ICE8T
Express 2-Way In-Ceiling Speakers

- Same appearance, dimensions, and time-saving installation features as Saros IC4T, IC6T, and IC8T
- Lower cost components for budget-conscious applications

Harmonize With Nature using Landscape Speakers

Crestron AIR® Landscape Speakers **deliver high-performance audio to all corners of your property**. These unimposing weatherproof speakers blend in wherever you put them while providing sound quality rivaling any great indoor speaker. **Get the full impact of your music outdoors** with rich, deep bass provided by the AIR IGS82T In-Ground Subwoofer.

NEW! AIR® LS4T & LS6T Landscape Speakers

- 2-way outdoor speakers
- Choice of 4” or 6.5” coaxial drivers
- Includes options for stake or surface mounting
- Attractive bronze textured finish
- 8 Ohms nominal impedance
- Built-in 70/100V transformer
- Sold in pairs

NEW! AIR® IGS82T In-Ground Subwoofer

- Dual 8” low-frequency drivers
- Designed for direct burial
- Bronze textured portal cap
- 22 to 120 Hz frequency range
- 200 Watt power handling
- 8 Ohms nominal impedance
- Built-in 70/100V transformer
- Sold individually

Excite® IW5, IW6, & IW8 2-Way In-Wall Speakers

- High-performance 2-way in-wall loudspeakers
- 5.25, 6.5, or 8” polypropylene woofers for deep, solid bass
- Treated cloth dome tweeters for natural high-end extension
- Swivel tweeters for precise coverage optimization
- Steel composition woofer baskets for increased rigidity
- Paintable ABS plastic baffle with aluminum grilles
- Easy-to-install toggle clamp mounting system
- Front accessible high and low frequency contour switches
- 8 Ohms nominal impedance, sold in pairs

Excite® IC5, IC6, & IC8 2-Way In-Ceiling Speakers

- High-performance 2-way in-ceiling loudspeakers
- 5.25, 6.5, or 8” polypropylene woofers for deep, solid bass
- Treated cloth dome tweeters for natural high-end extension
- Swivel tweeters for precise coverage optimization
- Steel composition woofer baskets for increased rigidity
- Paintable ABS plastic baffle with aluminum grilles
- Easy-to-install toggle clamp mounting system
- Front accessible high and low frequency contour switches
- 8 Ohms nominal impedance, sold in pairs

Aspire® IW5, IW6, & IW8
2-Way In-Wall Speakers

- Audiophile performance 2-way in-wall loudspeakers
- 5.25” woven glass composite woofers
- 1” advanced synthetic polymer dome tweeters
- 4th order crossovers
- Steel composition woofer baskets
- Vented pole pieces
- “Zero-bezel” frameless steel grilles, paintable
- Spring-loaded toggle clamp mounting system

Aspire® IC5, IC6, IC8 & IC8DT
2-Way In-Ceiling Speakers

- Audiophile performance 2-way in-ceiling loudspeakers
- 5.25, 6.5, or 8 woven glass composite woofers
- 1” advanced synthetic polymer dome tweeters
- 4th order crossovers
- Steel composition woofer baskets
- Vented pole pieces
- “Zero-bezel” frameless steel grilles, paintable
- Three-point spring-loaded toggle clamp mounting system

NEW! Aspire® IWS82
In-Wall Subwoofer

- Dual 8” woven glass composite drivers
- Steel composition baskets
- Eight-layer voice coils
- 32 to 120 Hz frequency range
- 200 Watt power handling
- 8 Ohms nominal impedance
- “Zero-bezel” frameless steel grille, paintable

Essence® IW5, IW6, & IW8
2-Way In-Wall Speakers

- Ultimate performance 2-way in-wall loudspeakers
- 5.25, 6.5, or 8” Kevlar® woofers
- 1.1” advanced synthetic polymer dome tweeters
- Precision 4th order crossovers
- Cast aluminum woofer baskets
- Extra large magnets and vented pole pieces
- “Zero-bezel” frameless steel grilles, paintable
- Three-point spring-loaded toggle clamp mounting system

Essence® IC5, IC6, & IC8
2-Way In-Ceiling Speakers

- Ultimate performance 2-way in-ceiling loudspeakers
- 5.25, 6.5, or 8” Kevlar® woofers
- 1.1” advanced synthetic polymer dome tweeters
- Precision 4th order crossovers
- Cast aluminum woofer baskets
- Extra large magnets and vented pole pieces
- “Zero-bezel” frameless steel grilles, paintable
- Includes both round and square grilles

ENERGY STAR® Qualified Power Amplifiers

Crestron AMP-series Commercial Power Amplifiers provide **a perfect combination of high output and efficiency** for all types of professional audio applications. 100% Crestron engineered and built, these amplifiers are ENERGY STAR qualified to **enable organizations to fulfill their green initiatives without compromising on audio performance**. Advanced design features include a high-efficiency amp topology with active power factor corrected power supply, delivering a generous amount of power in a space-saving 1U rack-mountable chassis.

AMP-Series All Models

- Ultra-efficient space-saving design
- Low total cost of ownership
- High-output power, low noise, low distortion performance
- Individual channel power control via jumper or remote contact
- Auto power-down after 30 minutes of no signal
- Instant auto power-on when an input signal is detected
- No inrush current during power-up
- Over current and DC offset protection per output
- Thermal protection on the power supply and each channel
- Front panel signal, clip, and fault indicators per channel
- Professional balanced inputs
- Detachable terminal block connectors
- Rear panel ±10dB input level controls
- Convection cooled - no noisy fans
- Single-space 1U rack mountable
- Universal power supply with active power factor correction

AMP-2210S & AMP-3210S
Commercial Power Amplifiers, 4/8Ω

- Choice of 2 or 3 channel models
- Each channel rated 210W@4Ω and 120W@8Ω
- Channels 1 and 2 bridgeable for 420W@8Ω
- Lightweight and under 11 inches deep

AMP-2210T & AMP-3210T
Commercial Power Amplifiers, 4/8Ω or 70/100V

- Choice of 2 or 3 channel models
- Each channel selectable for 4/8Ω, 70V, or 100V operation
- Each channel rated 210W@4Ω, 120W@8Ω, and 120W@70/100V
- Channels 1 and 2 bridgeable for 420W@8Ω
- Transformer isolated 70 and 100 Volt outputs
- Under 15 inches deep

AMP-2210HT Commercial Power Amplifier, 4/8Ω or High-Power 70V

- 2 channels
- Each channel selectable for 4/8Ω or 70V
- Each channel rated 210W@4Ω, 120W@8Ω, and 210W@70V
- Under 15 inches deep

Go Anywhere Compact Audio Amplifiers

Crestron MP-AMP Series amplifiers are designed to fit where other amplifiers can't go. They're even **suitable for installation above a plenum-rated ceiling**, perfect for use in classrooms and conference rooms with a single projector or flat panel display. Compact and affordable, these ENERGY STAR® qualified amplifiers feature a smart combination of **energy-saving features to maximize efficiency for a low total cost of ownership**.

MP-AMP40

Media Presentation Audio Amplifiers, 70V or 100V

- Compact single-channel power amplifier
- ENERGY STAR® qualified
- 40 Watts at 70 or 100 volts (mono)
- Transformer isolated output
- High-efficiency Class D topology
- Energy saving design reduces power consumption when idle
- Convection cooled for noiseless operation
- Simple volume, bass, and treble adjustments
- Electronic short-circuit and overload protection
- Detachable terminal block speaker connection
- Balanced line input via detachable terminal block
- Unbalanced RCA line input
- Built-in stereo to mono summing
- Includes surface mounting brackets
- Suitable for installation within a plenum-rated suspended ceiling

MP-AMP30

Media Presentation Audio Amplifier, 4/8 Ω

- Compact stereo power amplifier
- 15 Watts per channel into 8 or 4 Ohms
- Stereo or mono-summed operation
- High-efficiency Class D topology
- Energy saving design reduces power consumption when idle
- Convection cooled for noiseless operation
- Simple volume, bass, and treble adjustments
- Built-in loudness contour circuit
- Electronic short-circuit and overload protection
- Detachable terminal block speaker connections
- Unbalanced RCA line input
- Integral surface mounting flanges
- Suitable for installation within a plenum-rated suspended ceiling

Hassle-Free Voice Lift for Classrooms and More

FreeSpeech® provides an advanced wireless microphone solution designed to deliver reliable, hassle-free operation for K-12 or college classrooms and CaptureLiveHD™ systems. **Just press the "ON" button and go**. FreeSpeech handles everything automatically, letting instructors and presenters **move freely and speak naturally**.

MP-FS100 PAK FreeSpeech® Single-Channel Wireless Mic System Package

- Easy-to-use, highly-reliable speech reinforcement
- Ideal for K-12 primary education classrooms
- Includes one wireless mic, charger, and receiver
- One-piece wireless microphone is incredibly small and light
- Unobtrusive magnetic lapel clip or lanyard wearability
- Full operation via buttons built into the mic
- Mic mutes automatically if the instructor leaves the room
- Automatically turns down the program source whenever the instructor speaks
- Sounds natural and maintains consistent speech levels
- Built-in "Alert" button
- Advanced 2.4GHz RF + IR wireless technology
- Prevents interference with adjacent rooms
- Lasts 6 hours on a single charge
- Built-in 30 Watt stereo amplifier and line output
- Two stereo line inputs for a DVD player or computer
- Built-in master volume, bass, and treble adjustments
- High-efficiency, energy-saving design

MP-FS200 PAK FreeSpeech® Dual-Channel Wireless Mic System Package

- Adds a second wireless microphone for student participation or a second instructor
- Includes one tabletop mic stand

Internet Radio — Now with Pandora®

Using the Crestron TunerRack Modular Multi-Tuner, you can have up to 6 independent radio tuners including the choice of AM/FM, XM® Satellite Radio, and Internet Radio — **now supporting SiriusXM® and Pandora®**.

CEN-TRACK TunerRack Modular Multi-Tuner

- Accepts up to 3 ATC-Series tuner cards: dual AM/FM, AM/FM + XM®, or Internet radio
- Rich search capabilities find all your favorite radio stations, programs, and music with ease
- Support for metadata enables display of station names, song titles, artists, and other details
- Includes balanced, unbalanced, and digital audio outputs
- Native Crestron® system integration via Ethernet

ATC-AUDIONET Internet Radio Tuner Card

- Occupies a single tuner slot in a CEN-TRACK
- Access virtually any streaming radio station in the world
- Pandora® Internet Radio with now playing metadata, album cover art, thumbs up/down, and bookmark features
- SiriusXM® Internet Radio available with subscription
- Browse by format, location, or language
- Search alphanumerically or by keyword
- Save and organize user favorites for fast access
- Can also be used to play sound files, pre-recorded announcements, or background music stored on its internal memory card or external Web server

Powerful, Scalable Multi-Zone Audio

SONNEX™
CRESTRON DIGITAL AUDIO TRANSPORT

Sonnex® is simply **the best sounding, most powerful audio distribution solution on the market**. Featuring high output power, high efficiency, advanced DSP, flexible configuration, and integrator-friendly setup, Sonnex is ideal for restaurants, sports bars, night clubs, hotels, banquet halls, and custom homes. **Sonnex is engineered to integrate perfectly with DigitalMedia™** to form a total media distribution solution with minimal wiring — and minimal headaches.

Sonnex is fully scalable using expansion units that can be placed centrally or remotely, with **simple hookup using a single shielded CAT5e or fiber optic cable**. Start with the SWAMP-24X8 at your head end, and add up to eight SWAMPE or SWE expanders for an astounding 74 stereo zones of robust, audiophile sound quality. A generous 24 inputs are provided at the head end to handle analog and digital sources.

Additional features include an expanded assortment of digital and analog line level outputs via the SWE-8 unamplified switcher, support for driving 70V or 100V speaker lines via the SAT-70V/100V output transformer, and Sonnex Link signal extension using the S-EXT1-S fiber extender.

SWAMP-24X8 Sonnex® Multiroom Audio System

- Advanced multi-zone audio distribution
- Robust, high-efficiency audiophile grade amplification
- 140 Watts/Ch. @ 8 Ohms, 400 Watts/Ch. Bridged
- Eight amplified stereo zone outputs
- Two additional SPDIF stereo zone outputs
- Output Bussing—Link multiple adjacent zones
- Bridgeable outputs—Extra power for large or noisy areas
- Sonnex Link—One-wire interface to 8 expanders up to 200 feet away
- Balanced, unbalanced, and SPDIF inputs

- Direct connection to Crestron Interface for iPod®
- Volume, bass, treble, loudness, and selectable “tone profiles”
- 5-band graphic or parametric EQ per zone
- Dynamic Range Control—Maintains even listening levels
- Speaker Profiles—Preset speaker settings for fast, easy commissioning
- Sonnex Speaker Protect™—Extends headroom while preventing damage
- Energy-saving individual zone power control and global standby
- Streamlined setup and adjustment
- Remote fault monitoring
- Seamless Crestron system integration
- Heavy duty detachable terminal blocks
- Low power consumption, cool-running operation
- Compact 4-space 19” rack-mountable

Add 4 or 8 stereo amplified zones supporting full room control and source selection, with advanced DSP, speaker profiles, output bussing, mono summing, amplifier bridging and monitoring. While the main SWAMP-24X8 unit resides in the central equipment rack, the SWAMPE Expanders are designed for installation at a remote location near the rooms it serves. Minimizes speaker wiring for higher performance and efficiency, and faster, easier and less expensive installations.

SWAMPE-4 & SWAMPE-8
Sonnex® Multiroom Audio Expanders

- Adds four or eight amplified stereo zone outputs
- Provides same performance and room functionality as the SWAMP-24X8
- Connects to SWAMP-24X8 via a single shielded CAT5e
- Receives up to 24 sources from over a single shielded CAT5e
- Three-space rack mountable
- Save time and money on installations

SWE-8
Sonnex® Multiroom Audio Unamplified Expander

- Unamplified 8-Zone Sonnex expansion with line-level outputs
- 4 zones with balanced and unbalanced line outputs
- 4 zones with SPDIF digital outputs
- All 8 zones also include Crestron Home® CAT5 balanced outputs
- Professional-quality audio performance
- Advanced DSP, mono summing, and output bussing per zone
- Single-cable interface to SWAMP-24X8 via Sonnex Link
- Plug-and-play operation
- Single-space rack mountable

SAT-70V/100V Sonnex® Output Transformers

- Allows the use of 70 or 100 Volt speakers with any Sonnex® system
- Enables the connection of multiple speakers to a single amplifier output
- Enables the use of small gauge wire for long runs
- Provides full transformer isolation
- Rated 120 Watts at 70 or 100 Volts per channel
- 40 Hz to 20 kHz (±1 dB) frequency response
- 2 and 4 channel models available
- Single-space rack mountable

S-EXT1-S Sonnex® Link over Fiber Extender

- Extends the Sonnex Link up to 2000 ft over one multimode fiber strand
- Transports 24 stereo channels of digital audio and control
- Protects against lightning surges for outdoor runs

Simple Audio Signal Extension

Crestron Audio over CAT5 Extenders **allow audio sources in any room to be integrated into the whole-house experience** by providing one or more audio return channels over one wire. For any audio application, Crestron Audio over CAT5 Extenders enable the extension of analog or digital audio signals over a single CAT5 (or better) UTP cable.

NEW! AUD-EXT Audio over CAT5 Extenders

- Extends analog or digital audio signals over a single CAT5
- Provides an audio return channel solution for any multiroom audio system
- **AUD-EXT-100** extends one unbalanced stereo signal up to 2000 feet (610 meters)
- **AUD-EXT-200** extends two unbalanced stereo signals up to 2000 feet (610 meters)
- **AUD-EXT-201** extends one unbalanced stereo signal and two SPDIF signals up to 600 feet (183 meters)
- **AUD-EXT-202** extends two SPDIF signals up to 600 ft (183 m)
- Completely passive — no power required
- Surface mountable or attach to a single rack rail
- Up to 3 units fit side-by-side on a 1U 19” rack shelf

World Class Surround Sound — Designed for Integration

PROCISE™ PROCISE® delivers **a high-definition 7.3 surround sound solution for high-end board-rooms and custom theater installations**. Using the finest components and a propriety combination of advanced features and innovative technologies, PROCISE fulfills the myriad design challenges and performance expectations of the high-end custom market.

PSPHD PROCISE® High-Definition Professional Surround Sound Processor

- 7.3 HD surround sound processing
- Multiple subwoofer support
- Audyssey MultEQ® XT technology
- Audyssey Dynamic EQ® and Dynamic Volume®
- HDMI® connectivity
- HD 1080p video switching
- Studio grade performance
- Supports Dolby® TrueHD and DTS-HD Master Audio™ 7.1 formats
- QuickSwitch HD® key management and switching
- Discrete signal processing for every speaker and subwoofer
- Integrated 3-channel line mixer and speech processor
- Mono and stereo down-mix outputs
- Flexible routing of any mixer input to any output
- Inputs for HDMI, AES/EBU, S/PDIF optical and coaxial sources
- Inputs for stereo and multi-channel analog sources
- XLR balanced inputs and outputs
- Exclusive PROAMP automatic amplifier pairing
- Native Crestron control
- Crestron PROCISE Tools software
- DigitalMedia™ system integration

PROAMP-7X250 & PROAMP-7X400
PROCISE® High-Definition Professional Surround Sound Amplifiers

- World-class, professional 7-channel surround sound power amplifiers
- Choice of 250 or 400 Watts per channel
- Unprecedented integration with the PSPHD for seamless control and monitoring
- Native Crestron system integration via Ethernet or Cresnet®
- Ultra-efficient hybrid design puts immense output power in minimal space
- The benefits of Class D with the warm, neutral sound quality of Class AB
- Infinitesimal noise and THD affords pure, natural audio reproduction
- Robust, isolated channel power supplies ensure maximum dynamic impact
- DC coupling affords ultimate transparency and frequency response
- Inrush current limiting for gentle power-up
- Front panel signal, clip, and fault indicators
- Expanded monitoring of temperature, faults, and signal status from PSPHD or control system
- Heavy duty detachable terminal blocks ease speaker wire termination
- 24k gold-plated XLR balanced inputs
- Five-space 19” rack-mountable

7.1 Surround Sound for Every Room

The new HD-XSP and HD-XSPA make it easy and affordable to include **high-quality surround sound in any room of the home or workplace.** The HD-XSP is ideal for integration into a commercial conference room or auditorium, while the HD-XSPA provides a perfect residential solution for adding surround sound into many different rooms as part of a whole-house AV distribution system. A unique feature set allows these processors to go places other processors can't easily go, providing **easier integration in less space at a lower cost.**

NEW! **HD-XSP** 7.1 High-Definition Professional Surround Sound Processor

- True 7.1 surround sound via HDMI® and balanced analog out
- High-resolution 24-bit audio signal processing and conversion
- DTS-HD®, Dolby® TrueHD, and Dolby Digital Plus decoding
- High-definition 3D video pass-thru via HDMI®
- 100% HDCP compliant
- QuickSwitch HD® technology for fast, reliable switching
- Stereo downmix via HDMI and/or balanced analog outputs
- 1 HDMI, 1 SPDIF optical, 2 SPDIF coaxial, and 2 analog inputs
- Balanced stereo audio mix input for sound reinforcement, paging, doorbell, or phone ringer signals — feeds left, right, and downmix outputs
- Source compensation and lip sync adjustment on every input
- Independent level, delay, crossover and parametric EQ adjustments on every surround output
- Volume, bass, treble, loudness, and compression settings for surround zone
- Volume, bass, treble, loudness, and mono settings for downmix zone
- Versatile bass management for systems with or without a subwoofer
- Color LCD front panel for setup and basic operation
- Native Crestron® system integration
- 10/100 Ethernet communications
- Simplified setup via front panel or software
- CEC pass-through from a control system via HDMI
- Single-space rack-mountable

NEW! HD-XSPA 7.1 High-Definition Professional Surround Sound Processor and Amplifier

- Similar features to the HD-XSP
- Built-in high-efficiency, high-performance 8-channel power amplifier
- 140 Watts/Ch. @ 8 Ohms, 200 Watts/Ch. @ 4 Ohms
- DigitalMedia 8G+™ input port
- Ten local inputs consisting of 4 HDMI®, 1 SPDIF optical, 2 SPDIF coaxial, 2 unbalanced analog, and 1 balanced analog
- Unbalanced stereo downmix output for second zone or audio return
- Amplified stereo downmix output available in lieu of back speakers
- Amplified and line-level subwoofer outputs
- USB HID port for routing of a local mouse/keyboard to a centralized host via DM®
- Onboard LAN, COM, IR, relay, and contact sensing control ports
- Remote amplifier fault monitoring
- Compact 2-space rack-mountable design

Enjoy Your iPod® Throughout The House

Crestron docking solutions for the popular Apple® iPod® let you instantly enjoy music and podcasts through speakers in any room with enhanced navigation using a Crestron touch screen, iPhone®, iPad®, or Android™ smart device.

CEN-IDOCV & CEN-IDOCV-DSW
Interfaces for Apple® iPod®

- Enables full 2-way touch screen control of the iPod
- Displays metadata and album cover art
- Plays audio throughout the home
- Allows viewing of video files on a video touch screen or display
- Syncs to iTunes® over Ethernet
- Charges the iPod battery
- PoE network powered
- Interfaces with a Sonnex® system via CAT5 wire
- Available in white or black

Budget-Conscious Multiroom Audio

The C2N-AMP-4X100 delivers **cost-effective audio distribution for up 16 rooms** — perfect for small to moderate sized houses, condominiums, restaurants and retail spaces.

C2N-AMP-4X100 4 Room Audio System

- Affordable audio distribution for 4 rooms, expandable up to 16 rooms
- Integrated amplifier delivers 50 W/Ch. @ 8Ω and 75 W/Ch. @ 4Ω
- Room outputs 1&2 and 3&4 each bridgeable for 100 W/Ch. @ 8Ω
- Independent control of volume, bass, treble, and other settings per room
- Six stereo line inputs with loop-thru for easy expansion
- Front panel controls for source selection and volume control
- Customizable front panel labelling using Crestron Engraver software or pre-printed labels provided
- Crestron® system integration via Cresnet®
- Built-in Cresnet power distribution

Next Generation ADMS-G2

The ADMS-G2 is the latest generation ADMS featuring **a leaner, greener package with enhanced performance and many new features** including Pandora® Internet radio, VUDU®, expanded audio output capabilities, support for 3D, and new networking and control capabilities.

ADMS-G2 Intermedia Delivery System™

- A new evolution in home entertainment that simplifies how digital media content is acquired and managed
- Provides seamless access to feature films, music, TV shows, streaming videos, photos & home movies, and the Internet
- WorldSearch® quickly finds any kind of content from your local media library and the Internet
- Stylish and intuitive onscreen menus with high-res cover art and metadata display
- Netflix®, VUDU®, Hulu®, YouTube®, Pandora® and more!
- Web browser with Flash® and Silverlight® plug-ins
- HDMI® digital AV theater zone output
- True HD 1080p video with 3D, Deep Color, and HDCP support
- DTS-HD®, Dolby® TrueHD, Dolby Digital Plus, or PCM 7.1 surround sound up to 192k/24-bit
- Two additional stereo audio zone outputs
- Simultaneous S/PDIF and analog audio signals from all zones
- Stereo downmix of multi-channel surround sound
- Support for FLAC, WAV, WMA Lossless, iTunes Plus® & MP3
- 1 TB internal hard drive optimized for HD multimedia
- Expandable storage via NAS or Windows® Home Server
- ADMS Connect® software enables easy media upload and synchronization with Windows PC or Mac®
- Crestron Home® GUI enables onscreen control over lighting, climate, security, and AV
- Enhanced touch screen browsing and control from any room
- CEC pass-through from the control system via HDMI
- Wake on LAN and remote shutdown
- Gigabit Ethernet connectivity
- Compact 2-space 19" rack-mountable chassis

GUI Development and System Programming — Unified, Simplified, & *Speedified!*

The all new Crestron Studio software makes it faster to design and program the world's most advanced automation systems. In a single, unified development environment, Crestron Studio provides everything needed to create incredible touch screen GUIs and deliver an amazing user experience, while substantially reducing programming time.

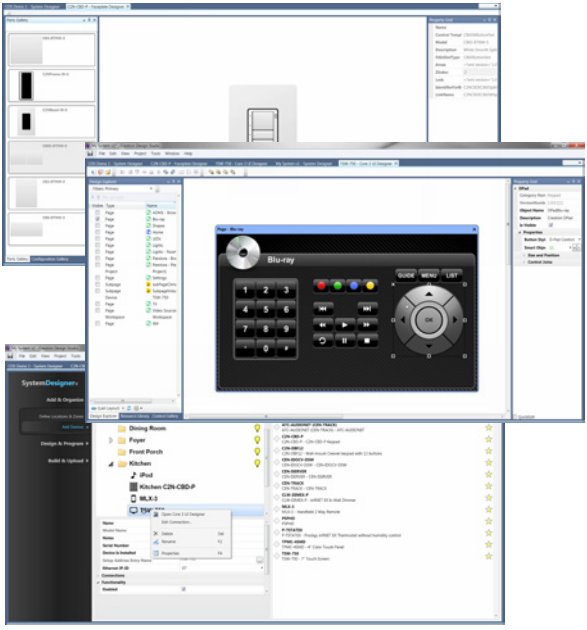
Crestron Studio™

Crestron Studio
Unified Programming and GUI Design Software

- Fluidly move between tasks within one app: programming, GUI design, engraving, device setup, network configurations
- Backward compatible with 2-Series and 3-Series™ SIMPL programs, user drivers, and VT Pro-e® projects
- Substantially faster, more efficient project development means higher productivity for the dealer and greater value for the customer
- Smart Graphics™, such as SmartObjects™ and Smart Applications, add rich, dynamic graphics to projects quickly
- Select from library of themes or create custom components and themes. Reuse as often as you like – change on the fly without redrawing or reprogramming
- Use Universal Upload to compile and upload to all touch screens, mobile devices and computers at the same time
- Retains existing concepts for easy adoption, but in a new, clean, customizable work environment
- Speedier, more consistent usability with global keyboard shortcuts, speed keys, and favorites
- Create multiple programs, layouts, trace windows and tools at once

Crestron Studio™

- Advanced filtering, type-to-add and drag-and-drop options for adding devices and rooms
- No need to manually match join signals and .ced files
- Jump effortlessly between views or drag any tab to a second monitor for multi-screen view
- Infinitely configurable, tear-away, zoomable workspace
- Directly launch setup tools for Sonnex®, PROCISE®, DM®, etc.
- Network configuration sets network IDs and IP table entries for you
- Automatic notification and delivery of device updates for the components you choose



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